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FRANK HOWARD

1913



SEEDS

AND IMPLEMENTS.
PITTSFIELD, MASS.

STECHER CO. ROCHESTER, N.Y.

P A I N T



"LOWE BROTHERS' 'High Standard' PAINTS." These Paints are BEAUTIFUL GOODS. They have COVERING POWER, SPREADING CAPACITY, DURABILITY and are SPLENDID COLORS and FULL MEASURE. Watch for the LITTLE BLUE

FLAG on the can, it insures good paint and satisfaction. Get our Color Cards.

LOWE BROTHERS' VARNISHES—Excellent goods in six kinds. "Elastic General Purpose," "Quick Action House," "Interior House," "Durable Floor," "Spar Varnish," and "Crystal Finish," all packages carry the little blue flag denoting quality.

LOWE BROTHERS' "MELLOTONE," Flat Colors for Interior Decoration on Woodwork and Walls, Permanent, Washable, Practical, Beautiful, ready to use. Mellotone packages all carry the little blue flag.

JAP-A-LAC
Registered
"WEARS LIKE IRON"

You have heard of

J A P - A - L A C

We Sell It



Chi-namel



CHI - NAMEL. For Staining and Varnishing in one operation, also Graining. AN EXCELLENT ARTICLE.

1913

FRANK HOWARD'S

ANNUAL SPRING CATALOG

—OF—

Reliable "Seeds That Grow"

TOOLS *and* MACHINERY

"Our Seeds are Northern Grown, None Better at Any Price."

Our name is an absolute guarantee of the best in quality and price.

Make our store your headquarters while in the city. You are always welcome.

Yours Respectfully,

FRANK HOWARD.

PRICES ON SEEDS are net, and do **NOT** include free transit, **EXCEPT FOR SEEDS IN PACKETS, OUNCES, QUARTER-POUNDS AND POUNDS** on which **WE** pay postage or expressage. When seeds in bulk are ordered by mail, postage must be added at the rate of 15 cents per quart for peas and beans and 10 cents per quart for corn.

GARDENER'S AND HEAD FARMER'S SITUATIONS

We keep a register of names of Practical Gardeners and Farm Managers also Farm Laborers who are in want of situations. If parties desiring such will write to us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars, whether a married or single man is wanted, and the nature of the situation to be filled, also about what they expect to pay, and any other particulars. We make no charge for this service, either to employer or employee.

SPECIAL NOTICE.

While we exercise the greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid for same will be refunded.—Frank Howard.

1913

FRANK HOWARD'S

GENERAL LIST OF

Standard Tested Vegetable Seeds

"Our Seeds are Northern Grown, None Better at Any Price."

	Pkt.	Oz.	¼Lb.	Qt.
ARTICHOKE,—Green Globe,	.10	.30	.85	
Jerusalem, (Roots),				.25

ASPARAGUS,—

Culture.—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. One year old roots should be set out in spring, in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and Quinipiac or Mapes Fertilizers should be applied after tops are cut and in the spring forked in. Never cut closely.

PALMETTO,—The earliest good yielder, even and regular in growth, quality unequaled,

COLOSSAL,—The old standard variety,

ASPARAGUS ROOTS,—Palmetto, (2 years old)			per 100,	\$1.00
COLOSSAL, (2 years old)			per 100,	\$1.00

BEANS

CULTURE.—When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, Mapes, or Quinipiac Fertilizer may be thoroughly worked into soil before planting.

Dwarf Green Podded Varieties

GIANT STRINGLESS GREEN POD,—

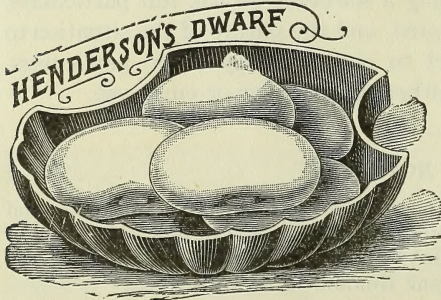
Very early, round pods absolutely stringless, fine quality, one of the finest string beans grown, 20c pt., 35c qt., \$1.25 ½ peck, \$2.00 peck.

IMPROVED EARLY RED VALENTINE,—

One of the earliest beans in cultivation. Round pod, 15c pt., 30c qt., \$1.00 ½ peck, \$1.75 peck.



Improved Early Red Valentine



IMPROVED ROYAL WHITE OR KIDNEY,—Excellent for shelling green or baking when ripe, 20c pt., 35c qt., \$1.20 ½ peck, \$2.00 peck.

LARGE WHITE MARROW,—The favorite for general field crop, 20c pt., 35c qt., \$1.25 ½ peck, \$2.00 peck.

HENDERSON'S BUSH LIMA,—The earliest of the Bush Limas, very productive, requires no stakes or poles, quality excellent, 20c pt., 35c qt., \$1.25 ½ peck, \$2.00 peck.

BEANS—Continued—Dwarf, Green Podded Varieties

LONG YELLOW SIX WEEK,—Very early, pods flat, green and very long, one of the most popular of its class, 15c pt., 30c qt., 1.00 ½ peck, \$1.75 peck.

EXTRA EARLY REFUGEE,—Round pod, very productive, 20c pt., 35c qt., \$1.25 ½ peck, \$2.00 peck.

BURPEE'S DWARF OR BUSH LIMA,—A perfect bush form of the true luscious large Lima grows from 18 to 20 inches high, stout, and erect growth, immense yielder, 20c pt., 35c qt., \$1.25 ½ peck, \$2.25 peck.

BURPEE'S "IMPROVED" BUSH LIMA,—An improvement on Burpee Bush Lima, 30c pt., 50c qt., \$1.65 ½ peck.

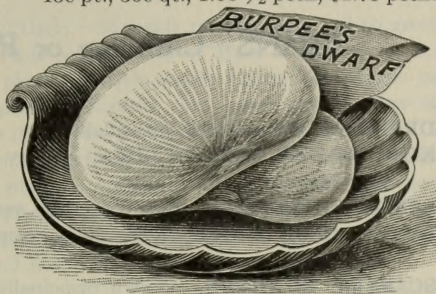
DREER'S BUSH LIMA,—20c pt., 35c qt., \$1.25 ½ peck, \$2.00 peck.

EARLY CHINA RED EYE,—Early and continues long in bearing, 15c pt., 25c qt., 85c peck, \$1.50 peck.

EARLY MOHAWK,—Long, flat and straight pods, very hardy, 15c pt., 25c qt., 85c ½ peck, \$1.50 peck.

FORDHOOK BUSH LIMA, (New)—Both pods and beans are very large. 35c pt., 60c qt.

HORTICULTURAL DWARF, or "Dwarf Cranberry," late and productive, flat pod, 20c pt., 35c qt., \$1.25 ½ peck, \$2.25 peck.

**Dwarf, Wax or Butter Varieties**

GERMAN BLACK WAX,—The old fashioned "Butter Bean,"—Black seed, very early, pods yellow, tender, and of the best quality, very popular, .15 .30 \$1.10 \$1.90

CURRIE'S RUST PROOF WAX,—(New), seeds black, pods yellow, flat and straight, said to be rust proof, .15 .30 1.10 1.90

IMPROVED RUST PROOF GOLDEN WAX,—An improvement on the old and popular Golden Wax, one of the standard varieties. The bean itself is light colored, doing away with whatever objection there may be to a dark bean, fully equal in quality to the Black Butter Bean.

	Pt.	Qt.	½Pk.	Pk.
	.20	.35	1.25	2.00

GOLDEN EYE WAX,—Quite free from rust, early vigorous grower, hardy and prolific, flat pod, .15 .25 1.00 1.75

KIDNEY WAX,—Extra early, flat, purely wax pods, quite free from rust, .15 .30 1.10 1.90

MICHIGAN WHITE WAX, (New)—A valuable white seeded variety, .20 .35 1.25 2.25

REFUGEE WAX,—The earliest wax variety, pods very tender, remaining so well through the season, heavy bearer, .20 .35 1.25 2.00

HODSON WAX,—Very large, tender wax pods, stringless. Enormously productive, .20 .35 1.25 2.00

Climbing or Pole Varieties

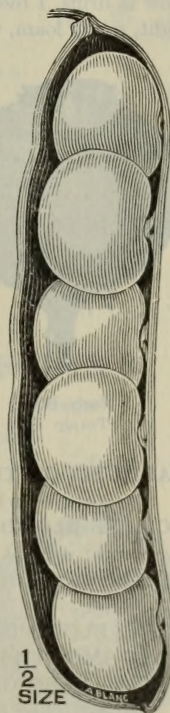
CULTURE.—Sow after danger from frost and soil is warm and dry in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed. Pt. Qt. ½Pk. Pk.

GOLDEN CLUSTER WAX, —IMPROVED, Pods 6 to 8 inches long, golden yellow, flavor delicious, bears early, and lasts until late in the season, .25 .45 1.50 2.50

BLACK WAX,—Fine variety for string beans, pods yellow, .20 .35 1.25 2.25

HORTICULTURAL OR CRANBERRY,—A popular variety for shelling, .20 .35 1.25 2.00

EARLY JERSEY LIMA,—Fully two weeks earlier than the large Lima, and combines quality, quantity and earliness, .15 .35 1.25 2.25



Early Jersey Lima Pole

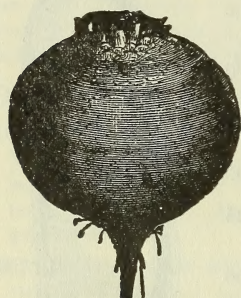
"Our Seeds are Northern Grown, None Better at Any Price."

BEANS—Climbing or Pole Varieties—Continued

	Pt.	Qt.	½Pk.	Pk.
DREER'S LIMA ,—Thick, fine quality,	.20	.35	\$1.25	2.10
KING OF THE GARDEN LIMA ,—Heavy cropper, bean and pod very large,	.20	.35	1.25	2.10
LARGE WHITE LIMA ,—Extra large size, very tender and delicious,	.20	.35	1.25	2.00
DUTCH CASE KNIFE ,—Pods long, green and flat, an excellent shell bean,	.20	.35	1.25	2.10
SCARLET RUNNERS ,—Grown principally for ornament, scarlet blossom,	.20	.35		
WHITE DUTCH RUNNERS ,—Same habit as the scarlet, blossoms white,	.20	.35		
OLD HOMESTEAD ,—Probably the earliest of the green podded pole varieties, enormously productive, tender and nice,	.15	.30	1.10	1.90

BEETS—Table Varieties

CULTURE.—Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May. Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.



Early Blood
Turnip Beet

	Pkt.	Oz.	¼Lb.	Lb.
BASSANO ,—Early flat,—An early, tender variety, color light,	.05	.15	.40	1.50
BASTIAN'S EARLY BLOOD TURNIP ,— A good variety to follow Egyptian and Eclipse,	.05	.15	.40	1.50
CROSBY EGYPTIAN BEET ,—An im- provement on the original Egyptian, fully as early and a better keeper,	.05	.15	.40	1.50
CRIMSON GLOBE ,—Selected. Rich deep crimson, fine quality tender and sweet, globe shaped,	.05	.15	.40	1.50
DETROIT DARK RED TURNIP —Round, skin dark blood-red, flesh bright red,	.05	.15	.40	1.50
DEWING'S BLOOD TURNIP ,—Fine form and flavor, deep blood-red,	.05	.15	.40	1.50
EARLY BLOOD TURNIP ,—One of the best known and most popu- lar sorts, deep blood-red color, excellent quality,	.05	.15	.40	1.50
ECLIPSE BLOOD TURNIP ,—Very early, one of the best, color bright red,	.05	.15	.40	1.50
EDMANDS' BLOOD TURNIP ,—Second early, dark red, smooth, round,	.05	.15	.40	1.50
LENTZ BLOOD TURNIP ,—Very early, small top, round, dark red,	.05	.15	.40	1.50
LONG SMOOTH BLOOD ,—Long smooth, dark red, late variety,	.05	.10	.30	.80
SWISS CHARD OR SEA KALE BEET ,—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach,	.05	.15	.40	1.35

"Our Seeds are Northern Grown, None Better at Any Price."

MANGEL WURZEL

CULTURE.—Mangels require deep soil to grow well. Plow and subsoil at least a foot to 18 in. Apply plenty of rich stable manure or Mapes or Quinipiac Fertilizers. Sow latter part of May or in June (5 to 8 lbs. to acre), in rows not less than 18 inches apart and thin to 8 inches in the row. Young plants may be transplanted to fill up vacancies. When plants are 3 to 4 inches high sow 600 lbs. Quinipiac or Mapes fertilizer to the acre. Cultivate and hoe well, keeping down weeds.

Oz. $\frac{1}{4}$ Lb. Lb.

MAMMOTH PRIZE LONG RED,

—One of the best for deep soil, roots very large, very heavy cropper,

.10 .25 .65

CHAMPION YELLOW GLOBE,

—Good keeper, smooth, globe shaped roots,

.10 .25 .65

GOLDEN TANKARD, —

Flesh bright yellow, said to contain a large amount of sugar,

.10 .25 .65

NORBITON GIANT,—

The largest variety grown, and one of the most popular,

.10 .25 .65

LANE'S IMPERIAL SUGAR,—

White fleshed, said to contain a large amount of sugar,

.10 .25 .65

BROCCOLI

Pkt. Oz.

WHITE CAPE,—(Cultivation same as Cauliflower) one of the most certain to head, heads compact, creamy white,

.10 .35

BRUSSELS SPROUTS

(Cultivation same as Cabbage.)

IMPROVED DWARF,—

Compact heads, probably the best,

.05 .20

CAULIFLOWER

CULTURE.—Same as cabbage except that an extra amount of fertilizer and plenty of water may be used to advantage.

EARLY SNOWBALL,—The best cauliflower grown, a sure header,

Pkt. Oz. $\frac{1}{4}$ Lb.

.25 \$2.25 \$7.50

EXTRA EARLY PARIS,—A standard variety,

.10 .60 2.00

EARLY FAVORITE,—An excellent, very early variety,

.15 1.00 3.00



Snowball Cauliflower

Mammoth Prize Long Red



CABBAGE

CULTURE.—Soil for Cabbage should be rich, heavy loam, with good drainage. Use an abundance of stable Mapes or Quinapiac Fertilizers, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.



All Seasons Cabbage

ALL HEAD.—Very early and very solid 10c pkt., 35c oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

ALL SEASONS.—Fine strain. Heads deep. Can be planted for early or late crop, 10c pkt., 35c oz., \$1.25 $\frac{1}{4}$ lb., \$3.50 lb.

AUTUMN KING.—One of the finest of late cabbages, excellent keeper, 10c. pkt., 35c oz., 1.25 $\frac{1}{4}$ lb., \$3.50 lb.

CHARLESTON LARGE WAKEFIELD.—About one week later than the Early Jersey Wakefield, but fully one half larger, 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

EXCELSIOR LATE FLAT DUTCH.—A valuable late variety, one of the best for main winter crop, 10c. pkt., 30c. oz., 80c. $\frac{1}{4}$ lb., \$3.00 lb. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

FOTTLER'S IMPROVED BRUNSWICK.—Fine large head, early planted, late makes excellent winter variety, .05 .25 .75 \$2.50

IMPROVED EARLY SUMMER.—Ten days later than Jersey Wakefield, large heads, excellent second early, .05 .20 .60 2.00

SUCCESSION IMPROVED.—Ten days later than early Summer, very large, sure header, good keeper and fine quality, .10 .35 1.00 3.50

MAMMOTH ROCK RED.—Largest and surest header, red, .10 .35 1.00 3.00

SELECTED EARLY JERSEY WAKEFIELD.—The earliest cabbage, heads cone shaped and solid, .10 .30 .85 3.00

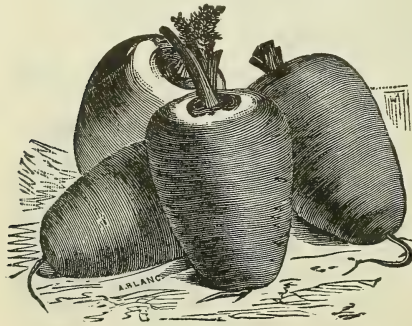
EARLY WINNINGSTADT.—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head, .10 .20 .60 2.00

STONE MASON DRUMHEAD.—Large firm heads, fine quality, late, .10 .30 .85 3.00

DRUMHEAD SAVOY.—Very tender, excellent flavor, fine, .10 .25 .75 2.50

SUREHEAD IMPROVED.—Large firm heads, late, good main crop, .10 .25 .85 3.00

HOLLANDER OR DANISH BALL HEAD.—Medium size heads, solid, best keeping cabbage grown, .10 .30 .85 3.00



New Oxheart Carrot

CARROTS

CULTURE.—Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam, deeply dug, richly manured, hoe often, cultivate deep.

OXHEART OR GUERANDE.—Roots, short and very thick, intermediate between Scarlet Horn and Half Long, 5c pkt., 20c oz., 65c $\frac{1}{4}$ lb., \$2.25 lb.

DANVERS' HALF LONG.—(Pointed), heavy yielder, roots 8 to 10 inches long, thick, dark orange, 5c pkt., 20c oz., 75c $\frac{1}{4}$ lb., \$2.50 lb.

CARROTS—(Continued)

DANVER'S HALF LONG,—(Stump rooted), similar to above excepting that it has blunt roots, 5c pkt., 20c oz., 75c $\frac{1}{4}$ lb., \$2.50 lb.

EARLY SCARLET HORN,—An early variety, deep orange, blunt root, 6 to 8 in., 5c pkt., 25c oz., 75c $\frac{1}{4}$ lb., \$2.50 lb.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
FRENCH FORCING ,—Small round root, the earliest variety,	.10	.25	.85	\$3.00

INTERMEDIATE ,—Similar in shape to Danvers pointed, color deep orange, nearly coreless, good cropper,	.10	.25	.75	2.50
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IMPROVED LONG ORANGE ,—The best general crop in deep soil, excellent for stock or table,	.10	.20	.60	2.00
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CELERY



CULTURE.—Sow seed in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of Mapes or Quinnipiac Fertilizers. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

IMPROVED WHITE PLUME,—One of the easiest to raise as it requires no "banking up." Early and attractive,

Pkt.	Oz.	$\frac{1}{4}$ Lb.
.10	.25	.75

DWARF GOLDEN HEART,—Very solid golden yellow heart, excellent keeper, fine flavor,

.05	.20	.60
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DWARF GOLDEN SELF-BLANCHING,—One of the best for early, solid, fine nutty flavor, good size, golden yellow,

.15	.75	2.00
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GIANT PASCAL,—The largest variety grown, fine nutty flavor, excellent keeper, easily blanched,

.05	.20	.60
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WINTER QUEEN,—Very large, blanches well, excellent keeper,

.05	.20	.60
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PINK PLUME,—Identified with White Plume, but with stalk suffused with pink, very attractive,

.05	.25	.75
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BOSTON MARKET,—Very popular, a strong grower, tender and crisp,

.05	.25	.75
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SOUP CELERY,—(Old seed for flavoring), 5c oz., 15c $\frac{1}{4}$ lb., 35c lb.

CELERIAC—(Turnip-Rooted Celery)

CULTURE.—Similar to celery but needs no hilling up.

LARGE SMOOTH PRAGUE,—An improved variety, round, smooth roots, the largest and best variety, 5c pkt., 25c oz., 75c $\frac{1}{4}$ lb.

CHERVIL

CULTURE.—Same as parsley.

CURLED,—The leaves are used for flavoring, 5c pkt., 10c oz.

CHICORY

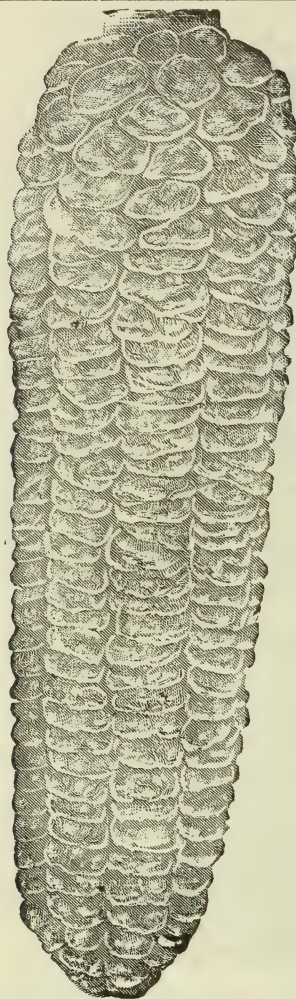
CULTURE.—Sow in June, transplant in autumn into sand in cellar.

LARGE ROOTED,—5c pkt., 20c oz., 55c $\frac{1}{4}$ lb., \$1.75 lb.

CORN SALAD OR FETTICUS

CULTURE.—Sow in August in drills $\frac{1}{4}$ in. deep, 6 in. apart, keep down weeds. Just before winter cover thinly with straw or leaves.

LARGE GREEN CABBAGING,—A small, hardy, salad, used also as a substitute for lettuce, 5c pkt., 10c oz., 30c $\frac{1}{4}$ lb., 85c lb.



CORN—(Sweet or Sugar)

CULTURE.—Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. If stable manure is used, it is perhaps best to plow it under. Use broadcast or in the hill Mapes or Quinnipiac Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.

We have been very careful in selecting the best and sweetest varieties of corn adapted to this section. The list below is arranged in order as they would mature. If two or more varieties are selected and planted at same time, they would be ready for the table at different times, one following the other.

	Pt.	Qt.	½Pk.	Pk.
CORY ,—The earliest sweet corn grown, ears good size, cob red,	.15	.25	.85	1.50
WHITE CORY ,—Resembles ordinary Cory, but with white cobs,	.15	.25	.75	1.30
GOLDEN BANTAM ,—Small yellow ears, delicious flavor,	.15	.30	1.00	1.75
MAMMOTH WHITE CORY ,—An improvement in size and quality over the white Cory,	.15	.25	.75	1.30
HOWARD'S PERFECTION ,—This is a new variety coming just after the Cory, large ear, white kernels, and white cob, excellent quality, and decidedly the best of the very early varieties,	.15	.25	.75	1.30
NEW PREMO ,—Very early, large ears, fine quality,	.15	.25	.75	1.30
CROSBY EARLY ,—An old and popular variety, rather small ears, good quality,	.15	.25	.75	1.30
MINNESOTA EARLY ,—Very early and desirable, ears fair size, good quality,	.15	.25	.75	1.30
SHAKER EARLY ,—Large ears, excellent quality,	.15	.25	.75	1.30
MOORE'S CONCORD ,—Medium early, large ears, excellent quality,	.15	.25	.75	1.25
BLACK MEXICAN ,—Medium early, black kernels,	.15	.25	.75	1.30
POTTER'S EXCELSIOR ,—Fine large ears, very sweet, deep grain, medium, early	.15	.25	.75	1.30
COUNTRY GENTLEMAN ,—A distinct variety, rather small ear, cob very small, but of delicious quality (late),	.15	.25	.75	1.30
HICKOX IMPROVED ,—An excellent variety,	.15	.25	.75	1.25
STOWELL'S EVERGREEN ,—The standard for quality, and the best known variety, remains a long time in suitable condition for boiling,	.15	.25	.75	1.30
WHITE EVERGREEN ,—New strain of Evergreen, pure white grain,	.15	.25	.75	1.30

FODDER CORN

SOUTHERN SHEEP TOOTH,—A very heavy yielder, especially adapted for ensilage. Prices according to market.

RED COB ENSILAGE,—One of the very large growing varieties, stalks quite leafy, enormous yielder. Prices according to the market.

LEAMING,—Probably the best Ensilage Corn, grows very large,—in ordinary season produces an abundance of very large ears. Prices according to market.

HICKOX SWEET,—A very sweet variety, cattle will eat every part of it, grows about the size of Evergreen. Market price.

SWEET FODDER,—This is more or less a mixture but is excellent for sowing. Market price.

"Our Seeds are Northern Grown, None Better at Any Price."

FIELD CORN

CULTURE.—Same as Sweet Corn. Some prefer to plant in drills. Use "Quinnipiac" or "Mapes" Fertilizer, worked well into the soil when planting or before second hoeing.

EIGHT ROWED AND TWELVE ROWED,—In varieties that will mature in this section.

POP CORN

RICE,—On the ear,—selected for seed,

Per lb.,

10c

RICE,— " " "—for popping,

Per lb.,

6c

CRESS OR PEPPER GRASS

CULTURE.—Sow curled variety thickly in shallow drills every two or three weeks. Cut often. Sow water cress in damp soil or along streams of water.

EXTRA CURLED.—Used as salad,

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

.05 .10 .20 .50

TRUE WATER CRESS,—Grows along the

banks of ponds and streams—a fine salad, .10 .35 1.00

CUCUMBERS

CULTURE.—For very early, sow seed in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again every two weeks for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 feet apart, making hills rich.

TELEGRAPH,—For growing in hotbeds or greenhouses, Pkt., 25c.

BOSTON PICKLING,—One of the best for pickling, 5c pkt., 10c oz., 25c $\frac{1}{4}$ lb., 80c lb.



COOL AND CRISP,—New, very desirable for both pickling and slicing, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

EARLY CLUSTER,—A popular variety, grows in pairs, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

JAPANESE CLIMBING,—Good for frames or open ground, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

FORDHOOK PICKLING,—Very prolific, medium size, fine pickling strain, 5c pkt., 10c oz., 25c $\frac{1}{4}$ lb., 80c lb.

EARLY FRAME,—Early, good for pickling, and slicing 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

EARLY RUSSIAN,—Very early, small, fine, 5c pkt., 10c oz., 25c $\frac{1}{4}$ lb., 80c lb.

IMPROVED LONG GREEN,—The favorite for general crop, good pickler or slicer, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.



NICHOL'S MEDIUM GREEN,—Intermediate between Long Green and Frame, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

IMPROVED WHITE SPINE,—One of the popular varieties, early, vigorous grower, crisp and fine flavor, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

WEST INDIA GHERKIN, (Small Burr),—Used exclusively for pickles, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb., \$1.50 lb.

DANDELION

CULTURE.—Sow in early Spring in drills 1-2 in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.

IMPROVED THICK LEAVED,—Very much superior to the common dandelion for greens. Per pkt., 10c., oz., 35c.

"Our Seeds are Northern Grown, None Better at Any Price."

EGG PLANT

CULTURE.—Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 feet by 2 feet.

NEW YORK IMPROVED SPINELESS,—The earliest and probably the best, 10c per pkt., 40c per oz., \$1.25 per $\frac{1}{4}$ lb.

ENDIVE

CULTURE.—Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with a ball of earth and put in cool dry cellar. Handling of plants must be done when perfectly dry.

GREEN CURLED,—The popular variety, one of the best salads for fall and winter use, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

MOSS CURLED,—5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

BROAD LEAVED,—A sweet variety; fall or winter, 5c pkt., 15c oz., 30c $\frac{1}{4}$ lb., \$1.00 lb.

GOURDS

FANCY VARIETY MIXED,—5c pkt., 20c oz.

Kale or Borecole

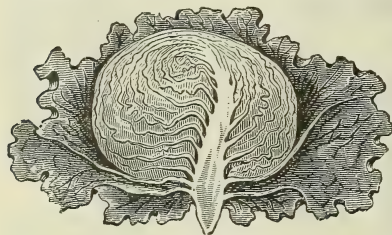
CULTURE.—Same as cabbage.

DWARF GREEN CURLED SCOTCH,—Grown for winter greens, 5c pkt., 10c oz., 30c $\frac{1}{4}$ lb., 90c lb.

KOHL RABBI—or Turnip-Rooted Cabbage

CULTURE.—Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

PURPLE VIENNA,—5c pkt., 20c oz., 60c $\frac{1}{4}$ lb.



Hanson Lettuce

LETTUCE

CULTURE.—Sow in hot beds, and in open ground as soon as it can be worked, sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact lettuce to be tender and crisp should have rapid growth, otherwise it will be tough and probably bitter.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
BIG BOSTON, —About twice the size and one week later than The Boston Market, produces large solid heads,	.05	.20	.50
BOSTON MARKET, —Edges slightly tinged with red, good forcing or out-door variety,	.05	.15	.35
GRAND RAPIDS, —One of the best forcing varieties, strong grower, tender, crisp and retains its freshness a long time after being cut,	.05	.15	.35
GOLDEN QUEEN, —Medium size golden yellow, solid heads, early,	.05	.20	.50
HANSON IMPROVED, —Outer leaves green, inner white, sure header, excellent quality, very satisfactory,	.05	.15	.35
IMMENSITY, —The largest head lettuce, not early, but reliable for late summer and fall use,	.10	.20	.55
NEW YORK CABBAGE, —Not a forcing variety but one of the best summer lettuces, forms large heads,	.05	.15	.35
PHILADELPHIA BUTTER, —Inner leaves yellow, heads solid,	.05	.15	.35
PRIZE HEAD, —Leaves green and red, thin, crisp and tender,	.05	.20	.50
SALAMANDER, —Heads compact, resists summer heat admirably, light green outside, white inside,	.05	.15	.35
SILESIA EARLY CURLED, —Early and tender, leaves yellowish green,	.05	.15	.35

LETTUCE—(Continued)

	Pkt.	Oz.	¼Lb.
SIMPSON BLACK SEEDED. —Leaves yellow, good for forcing or sowing out of doors,	.05	.15	.35
SIMPSON EARLY CURLED, —Good for forcing or open ground sowing, yellowish green,	.05	.15	.35
TENNIS BALL, BLACK SEEDED. —Forms handsome hard head, crisp and tender,	.05	.15	.35
TENNIS BALL, WHITE SEEDED, —Excellent forcing variety, head firm, white and crisp,	.05	.15	.35
TRIANON COS OR ROMAINE, —Self-closing, an excellent variety, bleaches white, very crisp and tender,	.05	.20	.50
WHITE PARIS COS, —Has long narrow leaves, does not head, but when tied up blanches very nicely,	.05	.15	.35

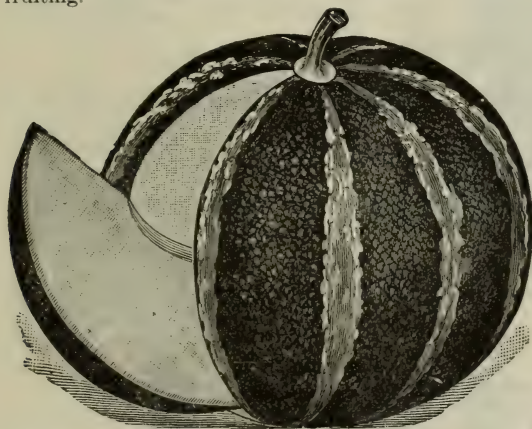
LEEK

CULTURE.—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 inches apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG,—By far the best variety grown, 5c pkt., 20c oz., 65c ¼ lb.

MUSK MELON

CULTURE.—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.



HACKENSACK EXTRA EARLY IMPROVED,—Quality perfect, very early, popular in this section, 5c pkt., 15c oz., 35c ¼ lb.

EMERALD GEM,—Medium size skin smooth, deep green, flesh salmon, delicious flavor, 5c pkt., 15c oz., 35c ¼ lb.

GOLDEN NETTED GEM,—Round, very early, delicious, 5c pkt., 15c oz., 35c ¼ lb.

MILLER'S CREAM,—Delicious flavor, flesh thick, salmon pink, 5c pkt., 15c oz., 35c ¼ lb.

MONTREAL NUTMEG,—Excellent variety, large size, flesh melting and of delicious flavor, 5c pkt., 15c oz., 35c ¼ lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 5c pkt., 15c oz., 30c ¼ lb.

SURPRISE,—One of the best for this section, flesh deep salmon, thick and fine flavor, 5c pkt., 15c oz., 50c ¼ lb.

YELLOW FLESHED OSAGE,—Very fine, thick fleshed, good keeper, 5c pkt., 20c oz., 50c ¼ lb.

WATER MELON

CULTURE.—Same as Musk Melon, only plant further apart, about 8 or 10 feet.

PHINNEY'S EARLY,—Very early, fine quality, excellent variety for this section, Pkt. Oz. ¼Lb.
.05 .10 .25

MOUNTAIN SWEET,—Early, oblong, dark green, flesh red, solid, sweet, .05 .10 .25

CITRON,—For Preserving, .05 .10 .25

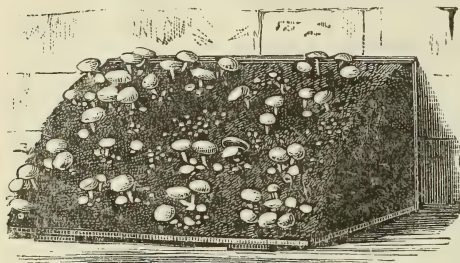
MUSTARD

CULTURE.—Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

BLACK OR BROWN,—For salads, 5c oz., 10c ¼ lb., 25c lb.

WHITE LONDON,—For salads, 5c oz., 10c ¼ lb., 25c lb.

"Our Seeds are Northern Grown, None Better at Any Price."



Mushroom Bed

MUSHROOM SPAWN

CULTURE.—Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may

be added. Upon a dry firm bottom or shelf, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results.

ENGLISH,—15c lb., 10 lbs. for \$1.00.

AMERICAN,—In bricks, per brick 19c. 10 bricks \$1.60.

NASTURTIUM—(See Flower Seed)

OKRA OR GUMBO

CULTURE.—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

	Pkt.	Oz.	¼Lb.	Lb.
DWARF WHITE VELVET ,—Pods round, smooth and white, very prolific,	.05	.10	.20	.50
DWARF GREEN ,—Very early,	.05	.10	.20	.50

ONIONS

CULTURE.—Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse), as soon as ground can be worked thin to 3 or 4 inches, hoe or rake frequently to keep down weeds. Use Mapes or Quinipiac Fertilizers.

BARLETTA,—Early, mild, fine, 5c pkt., 20c oz., 60c ¼ lb., \$2.00 lb.

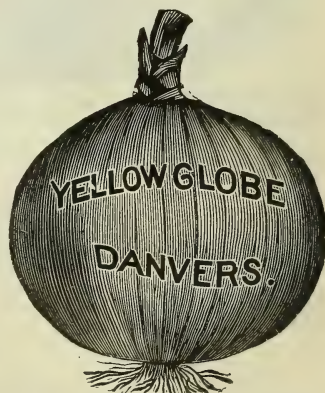
Yellow Globe Danvers—Our Finest Strain.

This seed is grown from the very earliest, and best selected Onions, and is very much superior to the average seed offered.—The Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 5c pkt., 20c oz., 50c ¼ lb., \$1.75 lb.

YELLOW GLOBE DANVERS,—Fine Strain,—While this is not equal to our finest strain, it is fully equal to most onion seed, and the same that is usually sold by dealers, 5c pkt., 15c oz., 45c ¼ lb., \$1.50 lb.

EXTRA EARLY FLAT RED,—Very early, medium size, mild, 5c pkt., 20c oz., 50c ¼ lb., \$1.75 lb.

NEW QUEEN,—Rapid grower, mild flavor, flat, white, 5c pkt., 20c oz., 60c ¼ lb., \$2.00 lb.



"Our Seeds are Northern Grown, None Better at Any Price."



HOWARD'S EXTRA EARLY RED GLOBE,—Ten days earlier than Southport Red Globe, color beautiful bright red, 5c pkt., 20c oz., 55c $\frac{1}{4}$ lb., \$1.75 lb.

ONION SEED

LARGE RED WETHERSFIELD,—Large yielder, good keeper, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

PRIZETAKER,—Bulbs very large, uniform, very productive, flavor mild, color, bright straw, choice American stock, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

WHITE PICKLING,—The best for pickling, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

SOUTHPORT WHITE GLOBE,—Large, firm, fine, grained, mild flavor, 10c pkt., 30c oz., 80c $\frac{1}{4}$ lb., \$2.50 lb.

SOUTHPORT YELLOW GLOBE,—Same as White except in color, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

WHITE PORTUGAL OR SILVERSKIN,—A flat white onion, fine grained, good keeper, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

ONION SETS

	Qt.	$\frac{1}{2}$ Pk.	Pk.	Bu.
White, price subject to change,	.25	.75	\$1.25	\$4.50
Yellow, price subject to change,	.20	.60	\$1.00	\$3.50

PARSLEY

CULTURE.—Soak seed a few hours in warm water, sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

CHAMPION MOSS CURLED,—Beautifully crimped and curled, 5c pkt., 20c oz., 50c $\frac{1}{4}$ lb., \$1.50 lb.



Champion Moss Curled Parsley

FINE DOUBLE CURLED,—A standard variety, finely curled leaves, 5c pkt., 20c oz., 50c $\frac{1}{4}$ lb., \$1.50 lb.

FERN LEAVED,—Has a feathery, fern-like appearance, 5c pkt., 20c oz., 60c $\frac{1}{4}$ lb., \$2.00 lb.

PARSNIP

CULTURE.—Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

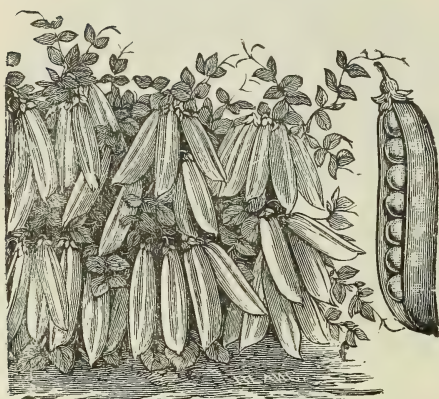
	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
LONG SMOOTH WHITE ,—Standard variety, long, smooth, white roots,	.05	.15	.30	.80
HOLLOW CROWNED ,—An excellent variety, fine quality,	.05	.15	.30	.80
STUDENT ,—Fine strain, with long smooth roots,	.05	.15	.30	.80

PEAS

CULTURE.—For Peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late Peas must be planted early. Early Peas may be planted early or late, and the extra early very late. Sow in single or double rows from 4 to 6 feet apart, according to variety, and about an inch apart in the row and 4 in. deep. Hoe often, keep ground clean and fine. Most Dwarf Peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with clear water of the same temperature as the atmosphere, using force.

"Our Seeds are Northern Grown, None Better at Any Price."

PEAS—(Continued)—Extra Early Dwarf Varieties



Nott's Excelsior

Those marked with a star () are wrinkled peas and unless otherwise stated, should be sown thicker than the round Peas.

Height in ft. Pt. Qt. $\frac{1}{2}$ Pk. Peck Bush.

*BLISS AMERICAN WONDER,—

Fine quality very early, 1 .20 .35 \$1.25 2.00 7.50

*PREMIUM GEM—An

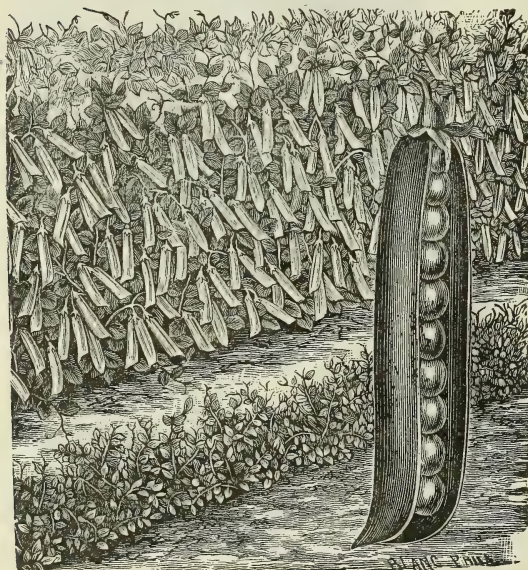
improvement on Little Gem fine variety, $1\frac{1}{4}$.25 .40 \$1.30 2.25 8.00

*NOTT'S EXCELSIOR

NEW,—Fine quality, very early, good yielder, $1\frac{1}{4}$.30 .50 \$1.75 2.75 10.00

*SUTTON'S EXCELSIOR—Similar to Nott's larger pods, 1 .25 .45 \$1.50 2.50 9.00

Extra Early Varieties—Not Dwarf



HOWARD'S EXTRA EARLY

One of the very earliest peas grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts, height 2 1-4 feet, pint 20c., quart, 35c., $\frac{1}{2}$ pk., \$1.25 peck, \$2.00 bushel \$7.50.

	Height in ft.	Pt.	Qt.	$\frac{1}{2}$ Pk.	Peck	Bush.
ALASKA,—The earliest blue pea, fine sort, hardy and productive,	$2\frac{1}{2}$	.20	.35	\$1.25	2.00	7.50
*GRADUS,—(Prosperity),—One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,	3	.30	.50	\$1.75	3.00	
*SURPRISE OR ECLIPSE,—A fine wrinkled variety, about five days later than our Extra Early,	2	.25	.45	\$1.50	2.50	9.00

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PEAS—(Continued)—Extra Early Varieties

	Height in feet	Pt.	Qt.	½Pk.	Pk.	Bush.
*THOMAS LAXTON,—Very early and productive, pods large, finest flavor,	3	.30	.50	\$1.75	3.00	
PHILADELPHIA EXTRA EARLY,—	2½	.20	.35	\$1.25	2.00	7.50
FIRST AND BEST,—A standard early variety,	2½	.20	.35	\$1.25	2.00	7.50
IMPROVED DAN'L O'ROURKE,—A reliable early sort,	2½	.20	.35	1.25	2.00	7.50

Second Early Varieties

*DAISY, (Dwf. Telephone)—An excellent new variety, large, well filled pods, fine flavor,	1½	.30	.50	1.75	3.00	
*ABUNDANCE—Bears numerous well filled pods, excellent quality,	1½	.20	.35	1.25	2.00	7.50
*EVERBEARING,—Remains long time in bearing, peas, large pods long, fine flavor,	2½	.20	.35	1.25	2.00	7.50
*NEW DWARF CHAMPION,—Very productive, large, peas delicious flavor,	2	.25	.45	1.50	2.50	9.00
*HEROINE,—New, heavy bearer, large peas, fine flavor,	2¼	.20	.35	1.25	2.00	7.50
*HORSFORD'S MARKET GARDEN,—On the style of Advancer, peas sweet and delicious,	2½	.20	.35	1.25	2.00	7.50
*MCLEAN'S ADVANCER,—A fine and popular variety,	2½	.20	.35	1.25	2.00	7.50
*PRINCE EDWARD,—(New), Produces extra large, dark, green well filled pods, excellent quality,	4	.25	.45	1.50	2.50	9.00
*STRATAGEM IMPROVED,—Heavy cropper, delicious flavor, large handsome pods,	2	.25	.45	1.50	2.50	
*YORKSHIRE HERO,—An excellent yielder, fine quality,	2½	.25	.40	1.30	2.00	7.50

Tall Late Varieties

*ALDERMAN,—(New) Extra large pods on order of Duke of Albany, very fine,	4	.25	.40	1.50	2.50	9.00
*AMERICAN CHAMPION (DUKE OF ALBANY),—A trifle earlier than the Champion of England, fine variety, should be sown thinly,	5	.30	.50	1.75	3.00	11.00
*CHAMPION OF ENGLAND,—One of the richest, best flavored peas, well known and popular,	5	.25	.40	1.30	2.25	8.00
*IMPROVED TELEPHONE,—Very fine strain, pods very large, well filled, quality excellent,	4	.25	.45	1.50	2.50	9.00
CANADA FIELD,—Principally sown for feeding stock, market price,						
BLACKEYED MARROWFAT,—An old-time favorite,	5	.15	.25	.85	1.50	5.50
SUGAR, MAMMOTH MELTING,—Edible pods,	4	.40	.75			

PEPPERS

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.



Ruby King

	Pkt.	Oz.	¼Lb.
LARGE BELL OR BULL NOSE,—A favorite, large, mild, red,	.05	.20	.60
LONG RED CAYENNE,—Small, long, bright red, extremely strong,	.05	.20	.60
CHINESE GIANT,—Very large, flesh mild and thick, bright scarlet,	.10	.40	1.25
RUBY KING,—Mild, very large and handsome,	.05	.30	.85
SWEET MOUNTAIN,—Large and mild, a popular sort,	.05	.25	.75
RED CHERRY,—Cherry-shaped, for pickles,	.05	.20	.65



POTATOES

CULTURE.—So many conflicting opinions exist as to the best method of growing potatoes, that we do not venture to give directions for culture. We do, however, make the following suggestions: Plant in such a manner that most of the heavy hard work can be done by the horse. Use "Mapes Potato Manure," or "Quinnipiac Potato or Market Garden," in sufficient quantities to insure a crop. Always bear in mind that to get the full benefit of the fertilizer and not burn the roots it should be thoroughly mixed with the soil. If stable manure is used at all, it should not come in contact with the tubers, as it is sure to make the crop rough and scabby.

These Potatoes were raised from our Maine Grown Seed, the crop was uniform and heavy and of excellent quality.

POTATOES

Use the "Quinnipiac or Mapes Fertilizers." To insure quantity and quality in your potato crop there are positively no better fertilizers made.

Prices subject to Variation

These are the prices ruling in January—they are subject to change without notice.

Early Potatoes

	$\frac{1}{2}$ Pk.	Pk.	Bu.	Sack
BEAUTY OF HEBRON ,—An excellent and popular early variety,	.40	.65	2.00	4.50
BOVEE ,—Extra early, very productive, of fine quality, white,	.40	.65	2.00	4.50
DELAWARE ,—Medium early, very large, white, and fine quality,	.40	.65	2.00	4.50
EARLY ROSE ,—A well known early variety,	.40	.65	2.00	4.50
IRISH COBLER ,—Fine quality, white, vigorous growth,	.40	.65	2.00	4.75
QUEEN ,—Early, productive, fine quality,	.40	.65	2.00	4.50

INTERMEDIATE and LATE VARIETIES

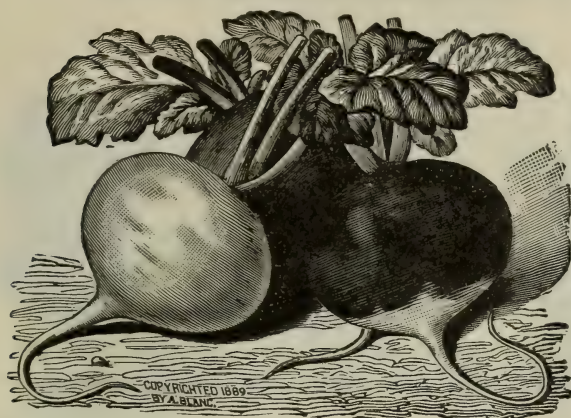
CARMEN NO. 1 ,—Heavy yielder, fine quality,	.40	.65	2.00	4.50
GOLD COIN ,—Fine main crop, excellent quality, light golden skin, white flesh,	.40	.65	2.00	4.50
GOOD TIMES ,—Resembles Green Mountain in shape, very heavy yielder, fine quality,	.40	.65	2.00	4.50
NORCROSS ,—Late, white, oval potato, good quality, good main crop,	.40	.65	2.00	4.50
GREEN MOUNTAIN ,—Oval, white, excellent, heavy yielder,	.40	.65	2.00	4.50

PUMPKINS

CULTURE.—Same as for squash, or may be planted with corn.

	Qt.		Pk
CONNECTICUT FIELD ,—The popular one for general crop, usually grown in corn fields for stock,	.30	\$1.75	
	Pkt.	Oz.	$\frac{1}{4}$ Lb.
KING OF THE MAMMOTHS ,—Grows very large, round, flat, yellow	.05	.15	.40
SWEET OR SUGAR ,—Small, round, yellow, excellent for pies,	.05	.10	.20

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RADISH

CULTURE.—Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.

EARLY ROUND DARK RED,—Early, pleasant flavored, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

EARLY SCARLET TURNIP,—Popular, quick grower, mild flavor, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 50c lb.

SCARLET TURNIP, WHITE TIPPED,—Very early, fine quality, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 50c lb.

OLIVE SHAPED SCARLET,—Early, flesh firm and crisp, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

ROSY GEM,—Globe-shaped, deep scarlet on top blending to white on the bottom, very fine, .05 .10 .20 .60

FRENCH BREAKFAST,—Olive-shaped, white-tipped, popular, .05 .10 .25 .75

SCARLET GLOBE,—One of the earliest, good for forcing or open ground culture, crisp and tender, .05 .10 .20 .65

LONG SCARLET SHORT TOP,—The old favorite, .05 .10 .20 .60

CHARTIER,—An excellent long variety, scarlet, .05 .10 .25 .75

WHITE LADY FINGER OR VIENNA,—The finest of the long, white radishes, .05 .10 .20 .60

WHITE STRASBURG,—Long summer variety of good quality, .05 .10 .20 .65

Winter Radishes

ROUND BLACK SPANISH,—Skin black, globe-shaped, tender, .05 .15 .35 1.00

LONG WHITE SPANISH,—Skin white, mild, .05 .10 .25 .75

ROSE CHINA WINTER,—Rose-colored skin, flesh white, quality excellent, .05 .10 .25 .75

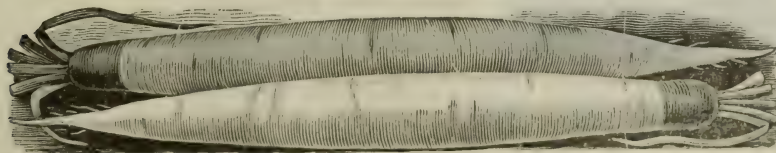
RHUBARB

CULTURE.—Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. When roots are set out plant them 4 or 5 feet each way. Ground should be very rich. Cover in fall with thick dressing of coarse manure, spade under in the spring.

VICTORIA,—A popular variety, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb.

ROOTS,—Each 15c, \$1.50 doz.

SALSIFY OR VEGETABLE OYSTER



CULTURE.—Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 6 in. in row. Cultivate and treat as parsnips.

MAMMOTH SANDWICH ISLAND,—The best variety, 5c pkt., 15c oz., 40c $\frac{1}{4}$ lb., \$1.25 lb.

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SPINACH



LONG-STANDING THICK-LEAVED,—Dark green, stands a long time before going to seed, 5c pkt., 10c oz., 15c $\frac{1}{4}$ lb., 35c lb.

NEW ZEALAND,—Should be started and transplanted, grows well during the hot weather. Seed should be soaked in hot water before sowing,

THICK-LEAVED ROUND,—One of the best, leaves large, thick, crumpled,

PRICKLY WINTER,—

CULTURE.—Sow early in spring in drills one ft. apart. As it grows, thin out for use. For fall use sow in August. Sow New Zealand in hills two feet apart each way, three or four seeds in hill. This is fit for cutting all summer.

BLOOMSDALE SAVOY LEAVED,—Crinkled leaves, hardy, fine quality, 5c pkt., 10c oz., 15c $\frac{1}{4}$ lb., 35c lb.

LARGE VIROFLAY,—Leaves thick, roundish, heavy copper, 5c pkt., 10c oz., 15c $\frac{1}{4}$ lb., 35c lb.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
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.05	.10	.30	.80
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.05	.10	.15	.35
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.05	.10	.15	.35
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SQUASH—Summer Varieties

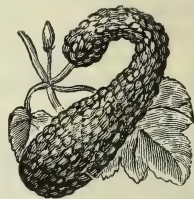
CULTURE.—Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

WHITE BUSH SCALLOP,—Very early, Pkt. Oz. $\frac{1}{4}$ Lb. Lb.
good shipper, .05 .10 .25 .75

YELLOW BUSH SCALLOPED,—Same as above, excepting color, .05 .10 .25 .75

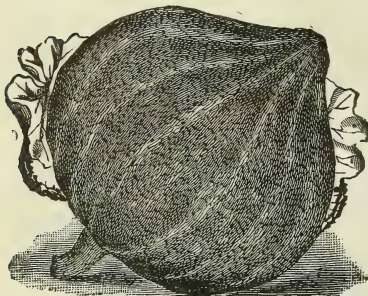
GIANT SUMMER CROOKNECK BUSH,—The favorite summer variety, .05 .10 .25 .75

VEGETABLE MARROW,—Summer and fall variety, outside yellow, flesh white, .05 .15 .40 1.25



.05	.10	.25	.75
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.05	.15	.40	1.25
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Fall and Winter Varieties

BOSTON MARROW,—Fine fall variety, oval, bright orange, .05 .10 .30 1.00

DELICIOUS,—Green skin, orange flesh, fine grained, sweet and dry, .05 .15 .40 1.25

IMPROVED HUBBARD,—The leading variety, fine grained, dry, excellent flavor, .05 .15 .40 1.25

IMPROVED MARBLEHEAD,—Similar to Hubbard, a trifle earlier, .05 .15 .40 1.25

MAMMOTH CHILI,—Orange yellow, grows very large, .05 .15 .40 1.25

SUNFLOWER,—See Flower Seeds.

TOBACCO,—Connecticut Seed Leaf, 10c pkt., 25c oz.

"Our Seeds are Northern Grown, None Better at Any Price."

TOMATO



CULTURE.—Sow thinly in March in hotbed or in boxes in the house; when 2 inches high set out plants in boxes, four inches apart or pot singly. If again transplanted before setting in the ground they will be benefited. Plant out about June 1st. Set deeply 4 feet each way. Make hills very rich. Support with frame work or train to stakes.

	Pkt.	Oz.	¼Lb.
ACME ,—Early, smooth, solid, color purplish red,	.05	.25	.75
BEAUTY (Livingston's) ,—Large, smooth, solid, purplish red,	.05	.25	.75
CHALK'S EARLY JEWEL ,—New, large, solid, smooth, bright red, very early,	.10	.35	.85
CORELESS (Livingston's) ,—Almost round, bright red, very productive. Ripens all over at once, almost free from green core, fine for slicing,	.10	.30	.85
CRIMSON CUSHION ,—Very large, scarlet crimson, few seeds, fine new variety,	.10	.30	.85
DWARF CHAMPION ,—Vine compact and upright, very early, smooth, color same as Acme,	.10	.30	.85
EARLIANA ,—Extra early, bright red,	.10	.30	.85
FAVORITE (Livingston's) ,—Large, smooth, productive, good shipper,	.05	.25	.75
PERFECTION (Livingston's) ,—Early, regular, productive, blood-red, few seeds,	.05	.25	.75
PONDEROSA ,—One of the largest, solid, good flavor, bright red,	.10	.40	1.25
RED CHERRY ,—Fruit small, about 5-8 inches in diameter, fine for preserves,	.10	.30	.85
STONE ,—Very solid, deep red, apple shape, large, good shipper,	.05	.25	.75
YELLOW PLUM ,—Plum shaped, deep yellow, fine flavored,	.10	.30	.85
TROPHY, Extra Selected ,—A standard late sort,	.05	.20	.65

TURNIP

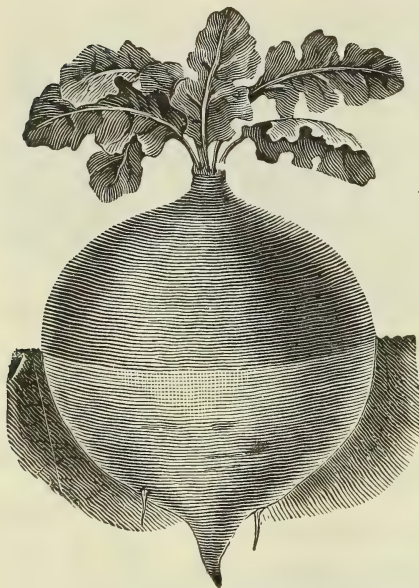


CULTURE.—For early turnips sow as soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in. apart; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

	Pkt.	Oz.	¼Lb.	Lb.
EARLY SNOWBALL ,—Round, medium size, fine quality,	.05	.10	.20	.60
EARLY WHITE FLAT DUTCH ,—Sweet and fine grained,	.05	.10	.20	.60
EXTRA EARLY PURPLE TOP MILAN ,—The earliest turnip grown,	.05	.20	.60	2.00
LONG WHITE COWHORN ,—Roots carrot shaped, flesh firm, white and sweet,	.05	.10	.25	.75
PURPLE TOP STRAP-LEAVED ,—The leading variety for sowing broadcast, good for stock or table use,	.05	.10	.20	.60
IMPROVED GOLDEN BALL ,—An excellent table variety, round, yellow fleshed, sweet and solid,	.05	.10	.25	.75
WHITE EGG ,—Good yielder, flesh firm, fine grained and sweet,	.05	.10	.20	.60
YELLOW ABERDEEN ,—Flesh pale yellow, tender, fine flavored,	.05	.10	.20	.60
YELLOW GLOBE ,—Good for general crop, grows large, good keeper,	.05	.10	.25	.75
YELLOW STONE ,—Good table variety, good keeper,	.05	.10	.20	.60

"Our Seeds are Northern Grown, None Better at Any Price."

TURNIP—(Continued)—Ruta Baga or Swedish Varieties



IMPROVED AMERICAN PURPLE TOP,—

The favorite yellow fleshed winter turnip, 5c pkt., 10c oz., 25c $\frac{1}{4}$ lb., 65c lb.

LAING'S SWEDE,—An early Ruta Baga,

good for table or stock, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

LONG ISLAND PURPLE TOP,—One of the

best, flesh yellow, solid, sweet, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

SHAMROCK SWEDE,—An excellent yellow

fleshed variety, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

SKIRVING'S PURPLE TOP,—Yellow flesh-

ed, good for stock or table use, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

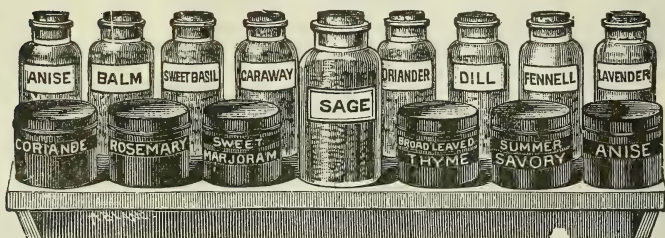
WHITE SWEDE,—A superior white fleshed

variety, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

WHITE SWEET GERMAN,—A fine sweet

winter variety, good keeper, 5c pkt., 10c oz., 20c $\frac{1}{4}$ lb., 60c lb.

HERBS



	Pkt.	Oz.
ANISE,—For garnishing and flavoring	.05	.10
BALM,—Used for making balm tea	.05	.25
CARAWAY,—For flavoring	.05	.10
CORIANDER,—For flavoring	.05	.10
DILL,—For flavoring	.05	.10
HOREHOUND,—Used for its tonic properties	.05	.20
LAVENDER,—Leaves very fragrant	.05	.30
MINT,—Curled Mint, pkt. of 200 seeds	.25	
MINT,—Peppermint, pkt. of 200 seeds	.25	
MINT,—Spear-mint; pkt. of 200 seeds	.25	
ROSEMARY,—Leaves very fragrant	.10	.30
RUE,—Used for medicinal purposes	.10	.30
SAGE,—A medicinal and flavoring herb	.05	.15
SWEET BASIL,—Leaves used for flavoring	.05	.15
SWEET FENNEL,—Seeds aromatic	.05	.10
SWEET MARJORAM,—Used for seasoning	.05	.15
SUMMER SAVORY,—Used for seasoning	.10	.35
THYME,—Used for seasoning	.10	.45
WORMWOOD,—Used for medicinal purposes	.05	.25

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS

STANDARD VARIETIES.

	Pkt.	Oz.
ALYSSUM, Sweet, white, very fragrant, annual,		.05
AMARANTHUS—"Joseph's Coat,"—Ornamental foliage plant, easily cultivated, very showy, annual, mixed,		.05
ANTIRRHINUM—"Snap Dragon,"—Half hardy perennial. An old favorite border plant, blooms the first season, but the flowers are stronger the second year,		.05

ASTERS

One of the most popular and useful of our annuals.

VICTORIA,—Finest Mixed,—Flower very large and double, considered all in all one of the most satisfactory strains of asters	.10
COMET,—Mixed,—Large beautiful flowers, resembling the Japanese Chrysanthemum,	.10
PERFECTION WHITE,—Large flowers, one of the best of the white asters,	.10
CHINA,—Mixed Colors,	.05

BALSAM,—Mixed Double,—An old favorite summer garden annual,	.10
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BACHELOR BUTTON,—See Centaurea and Globe Amaranth.

CALLIOPSIS OR COREOPSIS,—Mixed Colors,—Showy summer bedding annuals, producing a profusion of every shade of yellow, orange, crimson, red and brown,	.05
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CAMPANULA,—Canterbury Bells,—"Cup and Saucer." The finest variety with white and blue flowers, resembling a cup and saucer, hardy perennial,	.10
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CANARYBIRD VINE,—Yellow flower,	.10
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CANDYTUFT,—Mixed Annual,—For massing in beds or borders, fine for cutting,	.05	.20
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CANDYTUFT,—White—	.05	.25
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CARNATION MARGUERITE,—Finest Mixed,

These beautiful flowers are very fragrant, great favorites, comparatively easy to cultivate,

CARNATION GIANT MARGUERITE,—Finest Mixed,	.10
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CASTOR OIL PLANT,—See Ricinus.	.25
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CELOSIA OR COCKSCOMB,—Glasgow Prize,—Popular annuals of easiest culture,	.10
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CELOSIA,—Mixed,	.10
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CENTAUREA CYANUS,—"Bachelor Buttons,"—Mixed, a very old favorite garden annual,	.05
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CLARKIA,—Hardy Annual,—Mixed,	.05
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CLEMATIS,—Hardy Perennial Vine,—Purple,	.10
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COBAEA SCANDENS,—Mixed rapid growing climber, flowers large and bellshaped,	.10
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COLUMBINE,—Double Mixed.—A most desirable border plant,	.05
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CONVOLVULUS MAJOR,—Tall Morning Glory. A rapid free flowering climber,	.05	.20
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CONVOLVULUS MINOR,—Dwarf Morning Glory,	.05	.25
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COSMOS,—Giant fancy mixed,—One of the no table fall flowers,	.10
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CYPRESS VINE,—Mixed,—Summer climbing, annual with feathery foliage and star-shaped flowers, borne in clusters,	.05
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DIANTHUS, OR PINKS,—

The Dianthus is one of the most beautiful and satisfactory of the garden annuals; they are unrivaled for brilliancy and profusion of bloom.

DIANTHUS CHINENSIS,—China Pink,—Mixed double, 5c pkt.



Asters



Calliopsis



Dianthus Chinensis

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

DIANTHUS HEDDEWIGII,—Japan Pink,—

Mixed Double, 10c pkt.

DOLICHOS,—Hyacinth Bean,—Mixed annual climbing plant of rapid growth, 5c pkt.

ESCHSCHOLTZIA,—"California Poppy",—Mixed single, very attractive for edgings or masses, large handsome flowers of yellow, orange and white, 5c pkt.

FORGET-ME-NOT,—"Myosotis"—Mixed, bears clusters of lovely small flowers,—hardy perennial, 10c pkt.

FOUR O'CLOCK,—See Marvel of Peru.

GAILLARDIA,—Mixed, exceedingly beautiful annuals, blossoms from early summer until frost, unrivalled for cutting, 5c pkt.

GLOBE AMARANTH,—Mixed, a species of Bachelor Button, very ornamental, a summer blooming plant, 5c pkt.



Dianthus Heddwigii

HELIOTROPE,—Finest mixed,—Deliciously fragrant flowering plant, tender perennial, 10c pkt.



Eschscholtzia

HOLLYHOCK,—Double mixed,—choice, 10c pkt.

HYACINTH BEAN,—See Dolichos.

LARKSPUR,—Double dwarf rocket, mixed,—Free flowering hardy annuals, flowers borne in long spikes, 5c pkt.

LOBELIA,—Erinus, mixed, a trailing plant, producing bright blue, white or rose flowers, 5c pkt.

LOVE-IN-A-MIST,—"Nigella",—Dwarf, double, foliage feathery, with white or blue flowers, pretty annuals, 5c pkt.

MARIGOLD,—Double African Mixed,—Very effective for groups and masses; a favorite annual, 5c pkt.

MARIGOLD,—Double French Dwarf,—Mixed, 5c pkt.

MARVEL OF PERU,—"Four O'Clock",—Mixed, beautiful summer blooming annual of bushy habit, large flowers of white, yellow, crimson and striped, 5c pkt.

MIGNONETTE,—Large flowering, the common sweet mignonette, very fragrant, 5c pkt. 20c oz.

MIGNONETTE MACHET, The Dwarf French variety, with broad spikes of fragrant red flowers, one of the best varieties for outdoor culture, 10c pkt. 65c oz.



Double African Marigold



Mignonette Machet

MIGNONETTE,—Defiance,—Produces mammoth spikes deliciously fragrant, one of the best for indoor culture, 10c pkt., 80c oz.

MYOSOTIS,—See Forget-me-not.

JAPANESE IMPERIAL MORNING GLORY,—Mixed, strong, rapid climber, producing mammoth flowers; great variety of coloring, 5c pkt.

MORNING GLORY,—See Convolvulus.

"Our Seeds are Northern Grown, None Better at Any Price."

FLOWER SEEDS—(Continued)

NASTURTIUM,—Tall, fine mixed, beautiful and luxuriant climber, of easiest culture, — flowering until frost comes, 5c pkt., 10c oz., 25c $\frac{1}{4}$ lb., 75c lb.

NASTURTIUM,—Dwarf, very popular and showy for masses and border, 5c pkt., 10c oz. 25c $\frac{1}{4}$ lb., 75c lb.

NICOTIANA,—Affinis,—Very fragrant, 5c pkt.

PETUNIA,—Single large flowering, mixed, many beautiful colors and combinations, 5c pkt.

PETUNIA,—Double large flowering, mixed, a magnificent strain, very beautiful shades, 25c pkt.

PANSIES

HOWARD'S EXTRA LARGE-FLOWERED CHOICE MIXED PANSIES,—This is a very choice strain of Pansy seed, and under proper cultivation produces mammoth flowers of the most beautiful colors, 25c pkt.



Howard's Extra Large-Flowered Choice .
Mixed Pansies. Pkt. 25c.

ENGLISH FINEST MIXED,—10c pkt.

GOOD MIXED,—5c pkt.

PHLOX,—*Drummondigrandiflora* mixed, for beds and massing nothing can surpass these beautiful annuals, 5c pkt.

PHLOX,—Dwarf or nana compacta, mixed, these form little round compact bushes about six inches high, thickly studded with flowers, 10c pkt.

PINKS,—See *Dianthus* and *Carnation*.

POPPIES,—Single Mixed, great variety of colors, very showy, 5c pkt.

POPPIES,—California—See *Eschscholtzia*.

POPPIES,—Mixed, carnation flowered, 5c pkt.

POPPIES,—Iceland Mixed,—10c pkt.

POPPIES,—Shirley Mixed,—Extra Fine strain, 5c pkt.

PORTUACLA,—Single mixed, brilliant dwarf annuals, 6 in. high, for low beds and masses of color they are indispensable, 5c pkt.

PORTULACA,—Double, these make perfectly gorgeous masses of color, 10c pkt.

RICINUS,—Castor Oil Plant, mixed, rapid growing foliage, annual, palm leaves, 5c pkt., 15c oz.

SALPIGLOSSIS,—Large flowering mixed, a beautiful flowering annual, bearing large flowers of many pretty colors, 10c pkt.

SALVIA SPLENDENS, Bonfire,—Perennial but blooms the first season, bright scarlet, fine for bedding, 10c pkt.

SCABIOSA,—Mourning Bride, Showy border plant. Dwarf, double mixed, 5c pkt.

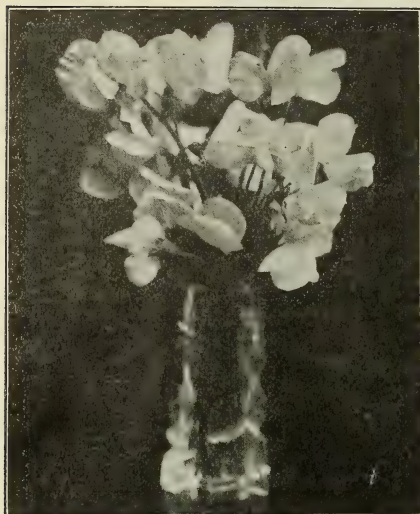
STOCKS,—Dwarf Ten Weeks, mixed, highly fragrant, very pretty and a deservedly popular annual, 10c pkt.

SUNFLOWER,—Double Dwarf, 5c pkt.

SUNFLOWER,—Mammoth Russian, 5c pkt., 10c qt.



Phlox-Drummondii



FLOWER SEEDS—(Con.) SWEET PEAS

Our list of Sweet Peas has been carefully revised with a view of keeping it strictly up to date. Should you miss some old favorite in the list, it has been discarded in favor of an improved sort. Sweet Peas, owing to the extremely short crop are very scarce and while the prices are not firm we shall endeavor to adhere to them as long as we can. It will be difficult to replace the seed stock when our present supply is sold.

Pkt. Oz. $\frac{1}{4}$ Lb. $\frac{1}{2}$ Lb. Lb.

AMERICA,—

White striped, crimson scarlet,	.05	.10	.30	.55	1.00
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BLANCHE

BURPEE,— Superb, is pure white	.05	.15	.40	.65	1.00
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BLANCHE FER-

RY,—Pink and white wings,	.05	.10	.30	.55	1.00
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COUNTESSE

OF RADNOR

—Delicate lavender,	.05	.10	.30	.55	1.00
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DOROTHY ECKFORD,—Pure white, beautiful large flowers,	.05	.10	.30	.55	1.00
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DUKE OF WESTMINSTER,—Crop failed.					
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EMILY HENDERSON,—Pure white,	.05	.10	.25	.45	.75
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FIRE-FLY,—Intense glowing crimson scarlet, large flower,	.05	.10	.30	.50	1.00
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FLORENCE MORSE SPENCER,—Crop failed.					
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GLADYS UNWIN,—Pale rosy pink, superb,	.10	.20	.50	.90	1.75
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HON. MRS. E. KENYON,—The finest primrose yellow,	.05	.10	.30	.55	1.00
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KING EDWARD VII,—Bright crimson, splendid,	.05	.10	.30	.55	1.00
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LADY GRISEL HAMILTON,—A grand pale lavender,	.05	.10	.30	.55	1.00
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LORD NELSON,—The richest deep navy blue,	.05	.10	.30	.55	1.00
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LOTTIE ECKFORD,—White edged with blue,	.05	.10	.30	.55	1.00
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LOVELY,—Deep pink shading to light pink at edges,	.05	.10	.30	.55	1.00
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MISS WILMOTT,—Brilliant orange pink, very large,	.05	.10	.30	.55	1.00
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MRS. WALTER WRIGHT,—An exquisite shade of mauve,	.05	.10	.30	.55	1.00
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NAVY BLUE,—Deep indigo blue,	.05	.10	.30	.55	1.00
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OTHELLO,—Glossy maroon, elegant,	.05	.10	.30	.55	1.00
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PRINCE OF WALES,—The finest bright rose,	.05	.10	.30	.55	1.00
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PRIMA DONNA,—Pure pink, best pink,	.05	.10	.30	.55	1.00
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PRIMROSE SPENCER,—The largest and finest primrose yellow,	.10	.30	1.00	1.90	3.75
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QUEEN ALEXANDRA,—Bright scarlet, red, almost true scarlet,	.05	.20	.50	.90	1.75
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STELLA MORSE,—Primrose, flushed pink, beautiful; crop failed.					
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WHITE SPENCER,—Pure wavy white, enormous size; crop failed.					
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HOWARD'S CHOICES SPECIAL MIXTURE, of named varieties,	.05	.10	.30	.55	1.00
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MIXED COLORS,—Fine Mixture,	.05	.10	.25	.45	.75
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SWEET WILLIAM,—Single mixed, an old favorite, rich variety of color, deliciously sweet scented, 5c pkt.					
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VERBENA,—Finest mixed, for garden beds or massing, the verbena is unrivaled; flowers from spring until late in autumn, 10c pkt.					
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WALLFLOWER,—Double large flowering mixed, exquisitely fragrant, long spikes of double flower, hardy perennial, 10c pkt.					
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WILD FLOWER GARDEN,—A mixture of popular annuals, very pleasing for children's flower bed, 5c pkt.					
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ZINNIA,—Double mixed, very showy, free flowering, hardy annual, 5c pkt.					
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BIRD SEEDS

CHOICE MIXED, per lb.	10c, 3 lbs. 25c
CANARY,—Choice Sicily,	10c, 3 lbs. 25c
HEMP,—	10c, 3 lbs. 25c
MILLETT,—per lb.	10c, 3 lbs. 25c

RAPE,—per lb.	10c, 3 lbs. 25c
SUNFLOWER,—Mammoth Russian,	
quart, 10c, 3 qts., 25c	

VEGETABLE ROOTS

ARTICHOKE JERUSALEM,.....	25c qt., \$1.25 pk.
ASPARAGUS ROOTS,—See page 2.	
CHIVES,.....	25c per bunch
HORSE RADISH ROOTS,.....	20c per doz., 75c per 100
TARRAGON PLANTS,.....	35c each, \$3.50 per doz.
GARLIC SETS,.....	35c per lb.

List of GRASSES and CLOVER Adapted to this Climate

PRICES SUBJECT TO MARKET CHANGES

	Weight Per Bushel.
CREeping BENT GRASS,—Excellent for lawns, succeeds well in most situations,	20 lbs.
ENGLISH RYE GRASS,—A valuable grass,	24 lbs.
FOWL MEADOW GRASS,—Uncleaned seed,	12 lbs.
HARD FESCUE,—A dwarf growing grass of great value, succeeding well in dry situations,	12 lbs.
HUNGARIAN GRASS,—Is a valuable annual forage plant, 1 bushel to the acre,	48 lbs.
ITALIAN RYE GRASS,—Thrives in almost any soil and yields early and abundant crops,	18 lbs.
KENTUCKY BLUE GRASS,—Fancy,	14 lbs.
MEADOW FESCUE,—Of great value in mixtures for permanent pastures,	22 lbs.
MEADOW FOXTAIL,—Is the principal grass in all rich, natural pastures,	7 lbs.
ORCHARD GRASS,—One of the most valuable grasses either for pasture or hay,	14 lbs.
RED TOP GRASS,—Choice,	14 lbs.
Fancy or extra re-cleaned seed,	36 lbs.
RHODE ISLAND BENT GRASS,—A very fine variety for lawns,	14 lbs.
ROUGH STALKED MEADOW GRASS,—Valuable for pastures and meadows, particularly on damp soil,	14 lbs.
SHEEP'S FESCUE,—Short and dense in growth, excellent for sheep pastures,	12 lbs.

	Weight Per Bushel.
SWEET VERNAL TRUE PERENNIAL,—Emits an agreeable odor, which it imparts to the hay,	10 lbs.
TALL MEADOW FESCUE,—Very early, nutritive and productive. Should form a portion of all pastures on wet or clay soils,	14 lbs.
TALL MEADOW OAT GRASS,—Recommended for soiling, being rapid and luxuriant in its growth,	10 lbs.
TIMOTHY OR HERD GRASS,—We offer a particularly "choice sample,"	45 lbs.
VARIOUS LEAVED FESCUE,—Valuable for permanent pasture, especially on high altitudes,	14 lbs.
WOOD MEADOW GRASS,—Of early growth, thriving well under trees,	14 lbs.
ALFALFA OR LUCERNE,—In light soils, particularly in southern altitudes, it is invaluable,	60 lbs.
ALSIKE OR HYBRID CLOVER,—Equal in nutritive value to the Red or Pea Vine Clover, and excellent for land that is cloversick,	60 lbs.
MAMMOTH RED OR PEA VINE CLOVER,—	60 lbs.
RED CLOVER MEDIUM,—	60 lbs.
SCARLET CLOVER,—Sow in July or August for mowing the ensuing Spring,	60 lbs.
WHITE CLOVER,—Should be used in all mixtures for permanent pasture and for lawns,	60 lbs.

OUR SPECIAL GRASS MIXTURE FOR PASTURES —Usual quantity sown to the acre. 3 bushels. Per bushel of 14 lbs., \$3.00.

We recommend sowing separately from this, 10 lbs. mixed clover per acre.

OUR SPECIAL GRASS MIXTURE FOR HAY —On ordinary soils use 3 bushels per acre. In ordering state whether soil is dry, medium or wet. Per bushel of 14 lbs., \$3.00.

"Our Seeds are Northern Grown, None Better at Any Price."

GRAINS—Prices according to Market

BARLEY,—2 or 4 rowed, Choice Montana, price variable, per bushel 48 lbs.
BARLEY,—York State,—Fancy, Market price.
BARLEY,—New White Hulless—2 weeks earlier than common, \$2.50.
BUCKWHEAT,—Silver Hull—48 lbs. per bushel. **Japanese**, 48 lbs. per bushel.
OATS,—Choice White—32 lbs per bushel.
OATS—White Swedish,—These oats give excellent satisfaction, straw is strong, not apt to lodge, per bushel 32 lbs.
RAPE—Dwarf Essex,—In drills 5 lbs. to acre, broadcast 10 lbs. to acre, per lb 10c., per 100 lbs., \$8.00.
RYE,—Spring,—For sowing in the spring, 56 lbs. per bushel.
RYE—Winter,—For fall sowing, 56 lbs. per bushel.
VETCHES,—Spring Tares,—60 to 100 lbs. to acre, prices variable.
VETCHES,—Sand Winter, a Hairy Vetch,—30 to 50 lbs to acre, prices variable.
WHEAT,—Spring, 60 lbs. per bushel. **Winter**, 60 lbs. per bushel.
HUNGARIAN GRASS,—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. Market price.
MILLET,—German or Golden,—Similar to above, flower stem more branching. 50 lbs. per bushel. Market price.
MILLET,—Japan,—Barnyard (Crus-galli.) A new variety, exceedingly heavy yielder, requires very rich soil. Per lb. 12c., per 10 lbs., 90c., per 100 lbs., \$7.00.
FLAX,—Extra re-cleaned, per lb. 10c., 3 lbs. for 25c.
 Special prices on larger quantities.

LAWN GRASS SEED

OUR LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, entirely free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Quantity required per acre, 4 bushels. Price per quart, 25c., $\frac{1}{2}$ peck, 85c., peck, \$1.50, bushel, \$5.50.

POINTS WORTH REMEMBERING IN MAKING A LAWN.

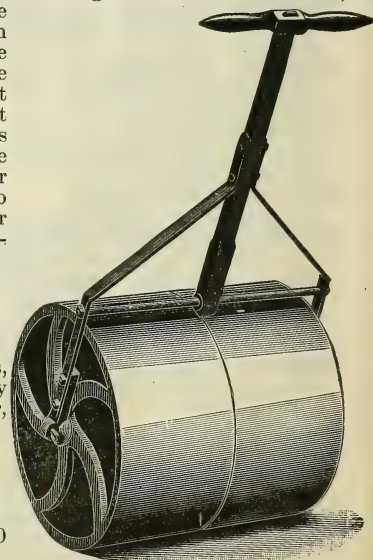
At least six inches of the surface soil should be alike and even, for nothing looks worse than to see a lawn grown in patches. So many noxious weeds are introduced into the ground with barnyard manure that its use is not recommended. The ground should be well prepared and rolled previous to sowing, it should then be gone over with a fine rake, the seed then evenly scattered over the surface at the rate of four bushels per acre. The whole should then be raked or bushed in and again rolled. When the grass has attained a height of three inches, it should be cut with a sharp scythe; never use a lawn mower that "pinches off" or "pulls" the grass, it should "clip" it with a good shear cut. Frequent mowings and rollings are necessary to keep a lawn in good condition. Once or twice during the season an application of Mapes or Quinipiac should be applied as a top dressing. To "thicken up" the grass use one bushel lawn seed per acre. Don't forget the roller. Use a good Lawn Mower, in good cutting order.

REPAIRING LAWN MOWERS

We repair and sharpen Lawn Mowers of all kinds, putting them in first-class working order. Should any be sent to us that are too nearly worn out to repair, we will so advise.

LAWN AND GARDEN ROLLER

Two Sections, each 12x24 inches, weight about 450





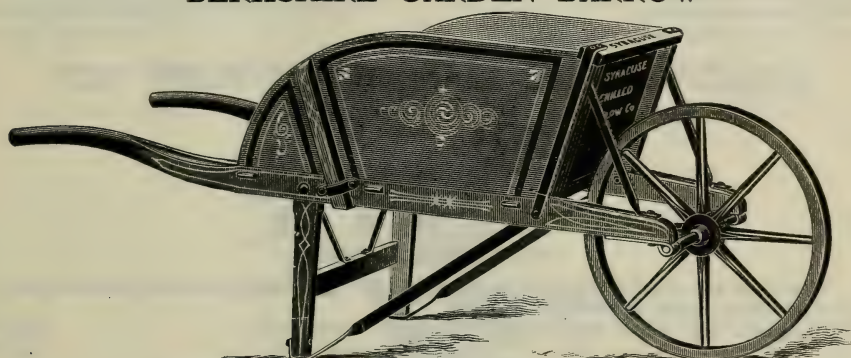
"Our Seeds are Northern Grown, None
Better at Any Price."

HORSE LAWN ROLLERS

Very strong, wood work of heavy oak, can be loaded to any desired weight. Nine sizes are made of which the 3 section and 4 section rollers are rigged with shafts for one horse, other sizes have pole for two horses unless otherwise ordered.

Description.		Weight.	List Prices.
3 Sections, each 12 in. long by 20 in. diam.		575 lbs.	\$35.00
4 " " 12 " 20 "		750 "	42.50
4 " " 12 " 24 "		850 "	50.00
6 " " 12 " 24 "		1250 "	65.00
4 " " 12 " 30 "		1175 "	60.00
5 " " 12 " 30 "		1450 "	72.50
6 " " 12 " 30 "		1700 "	85.00
Seat with Spring—Extra,			2.50

BERKSHIRE GARDEN BARROW



A strong, well-made Garden Barrow, nicely painted.

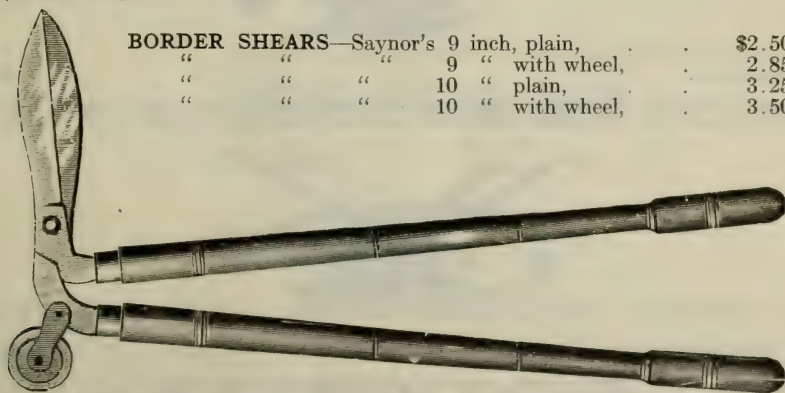
	PRICE
No. 2, Boys'	\$3.50
No. 4, Common Size,	4.00
No. 6, Large Size,	4.75

OUR CUSTOM GARDEN BARROW

Very strong, heavily ironed—and the best barrow we know of.

No. 4, Medium,	\$5.00
No. 5, Large,	6.00
No. 6, Extra Large,	7.00

BORDER SHEARS—Saynor's 9 inch, plain,	\$2.50
" " " 9 " with wheel,	2.85
" " " 10 " plain,	3.25
" " " 10 " with wheel,	3.50



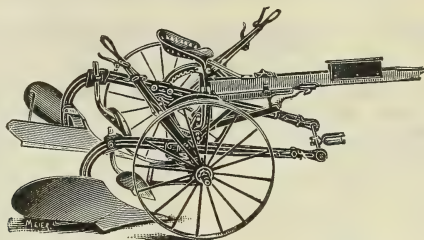
HEDGE SHEARS.

"Saynor's" 9 inch,	\$2.25
"Saynor's" 10 "	2.75
Notched to cut 1/2 in. branches, extra,	.25

BRANCH OR LOPPING

"English," medium,	\$2.50
"English," heavy,	3.50
American,	1.00, 1.25 and 3.50

SYRACUSE REVERSIBLE SULKY PLOW



One of the best reversible Sulky Plows made, either for Hillside or Level land. Equipped with Foot Trip which operates power lift, also Foot Regulated Pole Shift, can be used with either two or three horses.

No. 31-39 is the popular size.

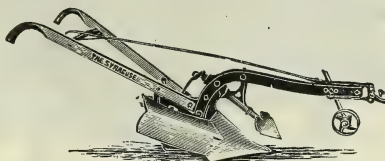
Price 2-Horse equipment,

Price 3-Horse equipment,

\$45.00 and \$50.00

50.00 and 55.00

SYRACUSE STEEL BEAM SWIVEL PLOW "822"



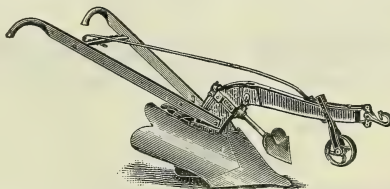
This Plow will certainly please you, it is light yet very strong, has ample throat capacity and close-fitting joints to prevent clogging.

Price complete with Wheel and Jointer, and chilled mouldboard,

\$16.00

18.00

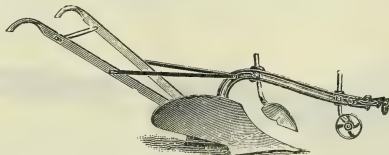
SYRACUSE NO. 60 SWIVEL PLOW



An excellent working Plow, well-made, strong and reliable.
Price complete,

\$15.00

SYRACUSE STEEL BEAM LANDSIDE PLOW "NO. 31"



A splendid Plow. If you have difficult land to turn, this will do it when other Plows fail.

Price complete with Steel mouldboard,

\$17.00

HILLSDALE LANDSIDE PLOW

A very good Low-Priced, Two-horse Plow, Cast Beam.

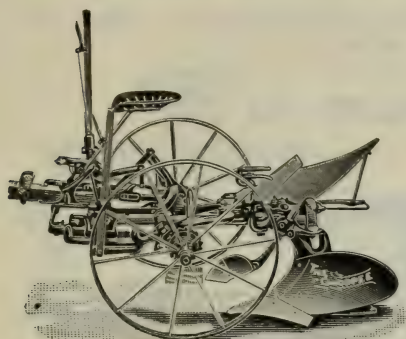
Price Plain,

Price with Wheel,

\$7.00

\$7.50

"Our Seeds are Northern Grown, None Better at Any Price."



The CHICOPEE REVERSIBLE SULKY PLOW

An excellent reversible Sulky Plow, easily handled, strong and does splendid work on either hillside or level land.

Price complete with Jointers, \$55.00

The John Deere Two-Way Sulky Plow.

One of the standard reliable sulky plows, Price \$50.00 and \$55.00

The Arlington Swivel Plow with Jointer



This is one of the best Swivel Plows ever offered to the farmers of Berkshire County. They are very easy for the team and for the man,—are a strong plow, and do nice work. Made either with wood or steel beam. The No. 29 with Wood Beam is the Favorite.

No. 30, Large Two-Horse, complete with Wheel and Joiner, 135 lbs.,	\$15.00
No. 29, Medium Two-Horse, complete with Wheel and Jointer, 125 lbs.,	14.00
No. 27, One-Horse, complete with Wheel and Cutter,	10.00

WIARD SWIVEL PLOW



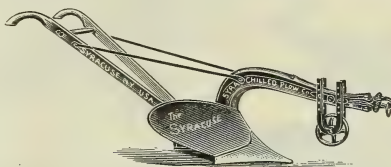
A good Plow, with an excellent reputation and capable of doing first-class work.

No. 120, with Steel Beam and Steel Mouldboard,	\$16.50
No. 120, with Steel Beam and Cast Mouldboard,	15.00
No. 126, with Steel Beam and Steel Mouldboard,	18.00
No. 126, with Steel Beam and Cast Mouldboard,	16.50

THE OLIVER REVERSIBLE SULKY PLOW

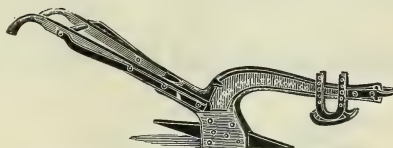
A very reliable "two-way" sulky plow, strong, easily operated, does excellent work.
Price \$50.00 to \$55.00.

CONTRACTOR'S PLOW, NO. 1



Heavy beam, point and strip. Made especially for grading purposes. Weight 200 lbs.
Two or four horses. Price, with wheel, \$15.00

PAVEMENT PLOW, NO. 98



A favorite with contractors. Has reversible crucible steel point, loop handle wear irons built for hard work, such as tearing up cobblestones and macadam.
Four or six horses. Weight 280 lbs., \$25.00.

TRUSS BEAM GRADING PLOW, No. 99



For severe grading purposes in shale or hard pan. Four or eight horses. Weight 310 lbs.
\$35.00.

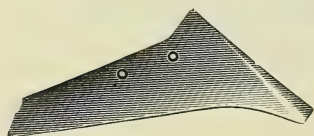
THE ARMSBY LANDSIDE PLOW

Wood Beam and Cast Mouldboards. For light work we recommend this plow.
No. 1, Small One-Horse, \$4.50. No. 2, Medium One-Horse, \$5.50. No. 3, Large, \$6.50

SUBSOIL PLOW

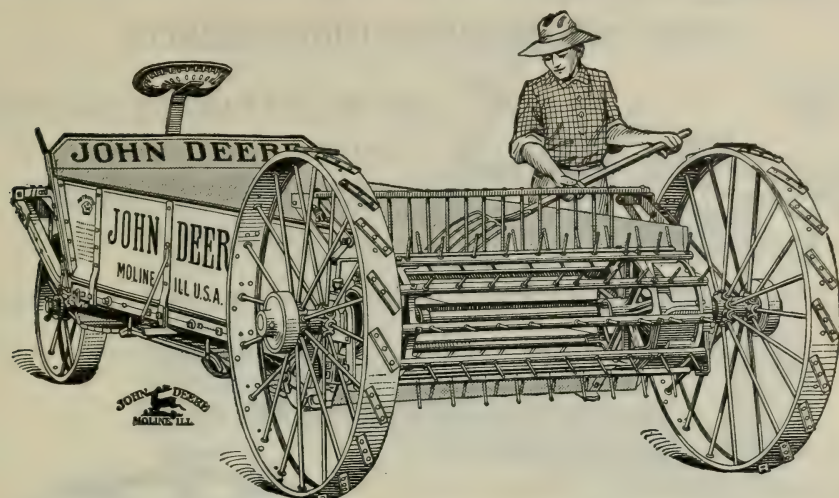
The Subsoil Plow follows in the furrow of the plow, turning the surface soil.
No. 1, Two-Horse, with draft rod, \$9.50; with draft rod and wheel, \$11.00.

PLOW REPAIRS



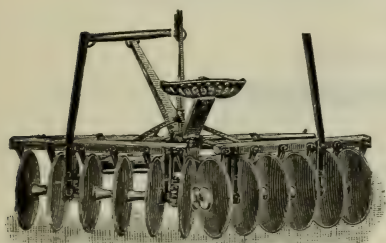
WE CARRY A LARGE STOCK OF PLOW REPAIRS
AND CAN FURNISH PARTS FOR ALMOST ANY
PLOW EVER MADE.

THE JOHN DEERE LOW DOWN MANURE SPREADER



The value of having a spreader Low Down for loading is readily understood. We sell these in both the "John Deere" and the Moline. Prices from \$110.00 to \$130.00.

THE YANKEE DISC HARROW

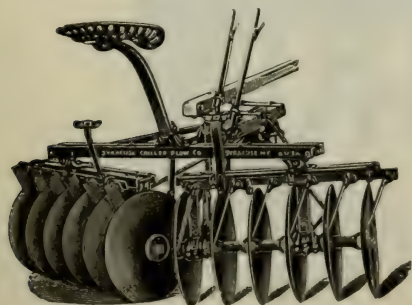


Regular Disc



Shear Cut Disc

An excellent harrow, made to supply the demand for a little lighter harrow, yet capable of doing a vast amount of good work. Price Complete, with 16 in. discs., \$28.00. Price Complete, with 18 in. discs, \$31.00. Price shear cut discs, \$2.00 extra.

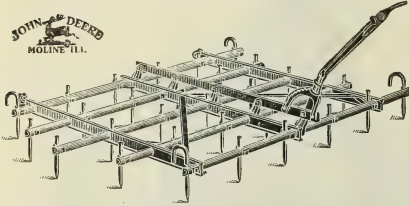


SYRACUSE DISC HARROW

Strong and well made. As light draft as any disc harrow doing the same amount of work. Price, with two levers, including Whiffletrees, Evener and Neckyoke, \$29.00.

THE ADRIANCE DISC HARROW—One of the best disc harrows made. Price with 16 inch discs complete \$28.00.

STEEL FRAME SMOOTHING HARROW



**CAN BE INSTANTLY CHANGED
FROM A SMOOTHING TO A
REGULAR SPIKE TOOTH
HARROW**

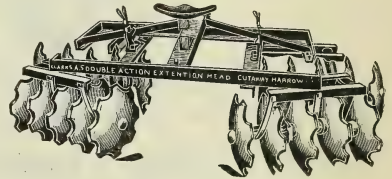
This is one of the **VERY BEST STEEL SMOOTHING HARROWS** made. Lever adjustment, strong and well made.

Price—2 Sections, 50 teeth, \$17.00.

Price—3 Sections, 75 teeth, \$22.00.

CLARK'S CUTAWAY HARROW

Clark's Cutaway Harrows are well known and hardly need description here, they are made in Double Action, that is double sets of gangs, (see cut). Regular Double Lever Cutaway, and Double Lever Solid Disc, and in many sizes, the sizes most suitable for this section are:—



Double Action, 16 in. Disc,

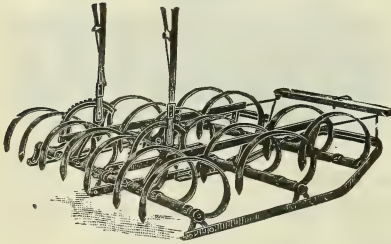
\$34.43

With extension head, \$37.13.

Double Lever Cutaway,

23.00

SPRING TOOTH HARROWS



The Osborne was the first Lever Spring Tooth Harrow placed on the market and it stands well in the front rank today.

Price, 9 Tooth, One Horse, \$10.00

" 15 Tooth, 17.00

" 17 Tooth, 18.00

" 16 Tooth, Combination Harrow
and Leveler, 18.00

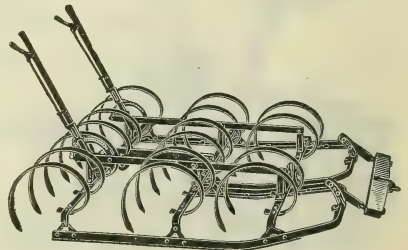
SYRACUSE SPRING TOOTH HARROWS

Pronounced by many farmers to be the best Spring Tooth Harrow on the market.

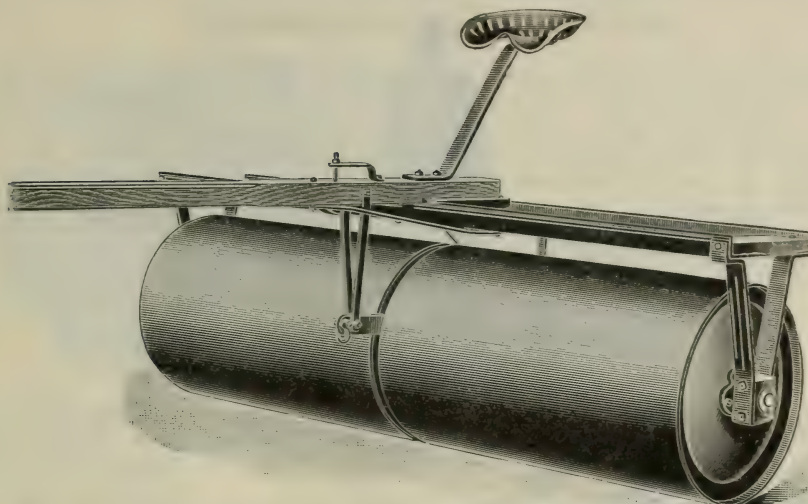
Price, 9 Tooth, One Horse, \$10.00

" 15 " Two " 17.00

" 17 " " " 18.00



STEEL FIELD ROLLER



The drum of this roller is steel; it is 24 inches in diameter, has removable dust-proof boxes, and is a good one.

PRICE—2 SECTION—\$30.00

PRICE—3 SECTION 7 FT. 26 IN. DIAM. —\$32.00

Leader Land Roller

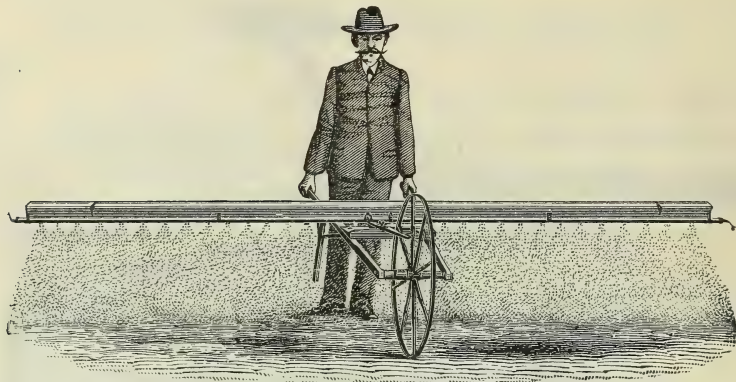
Eight feet long, about 30 in. in diameter, the staves are 2 inch white oak. Price \$22.00

SUPERIOR GRAIN AND FERTILIZER DRILL

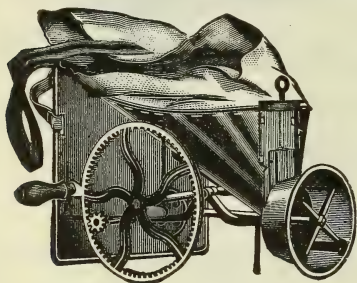


This Drill sows Grain, Grass Seed and Fertilizer perfectly. It has a positive force feed, will not break the grain, is light draft, is not complicated, evenly balanced, rests lightly on the horses' necks and is fully warranted. The Double Disc model seems to be the favorite, having displaced largely the hoe type. Price 11 tube Double Disc Drill, Complete \$100.00.

THOMPSON'S WHEELBARROW GRASS SEEDER



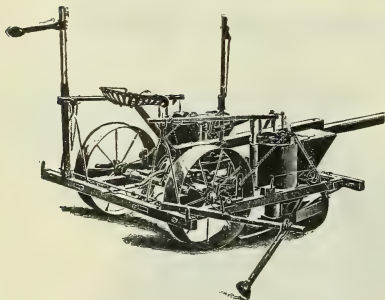
Sows any kind of Grass Seed perfectly and rapidly; width of Seeder Box 12 ft. and 14 ft. Price \$9.00. Seeder for sowing Timothy and Clover only, \$8.00. Extra Seeder Box for Grain only, \$5.00.



CAHOON BROADCAST SEED SOWER

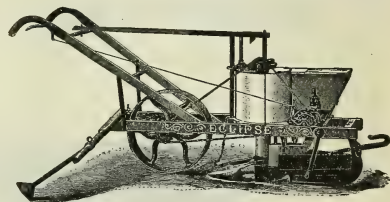
Sows both Grass Seed and Grain.

Price \$3.50.



Eclipse Double Row Planter

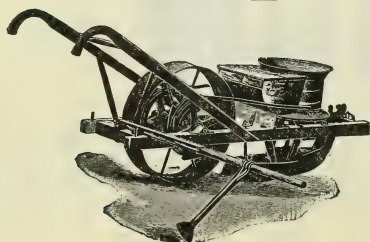
Eclipse Corn Planter and Fertilizer Distributer



Plants Corn, Beans, Peas, etc., perfectly, and at the same time distributes evenly the fertilizer in such a manner that it does not come in direct contact with the seed.

Price, Single Row Planter, \$25.00

" Double Row Planter, 50.00



King of Cornfield Corn Planter and Fertilizer Sower, \$25.00

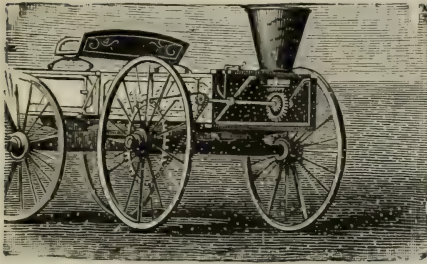
AN EXCELLENT PLANTER
VERY SIMPLE IN CONSTRUCTION

Segment Hand Corn Planters \$2.00

Corn Huskers. 15c and 25c.

Corn Ties —With four feet of rope, per 100, \$1.25

STROWBRIDGE IMPROVED Broadcast Seed and Plaster Sower



From 50 to 75 acres can be sown with one team in a day.

Oats, Rye, Barley, Buckwheat, Hungarian, Grass, Clover, Timothy, and every variety of Seed and Grain requiring broadcasting can be sown with this machine; also with care, Plaster, Lime, Salt and Fertilizers. It can be attached to any farm wagon.

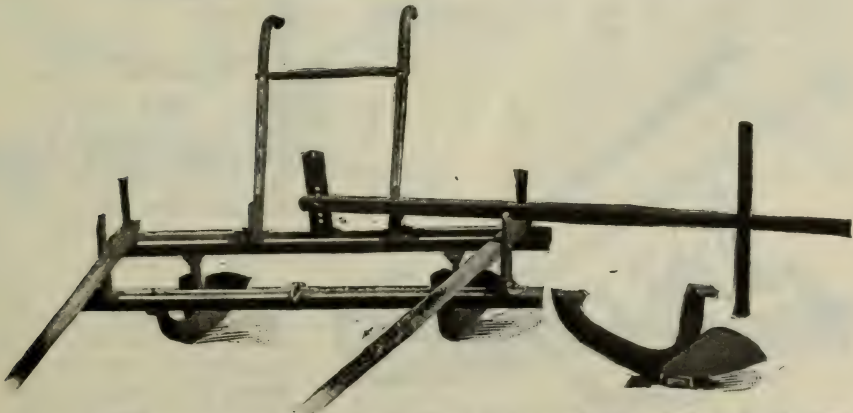
Price \$10.00

WOOD BEAM SHOVEL PLOW

Steel Point and Adjustable Steel Wings,
and the price is only, \$3.50
With Steel Beam, \$4.50



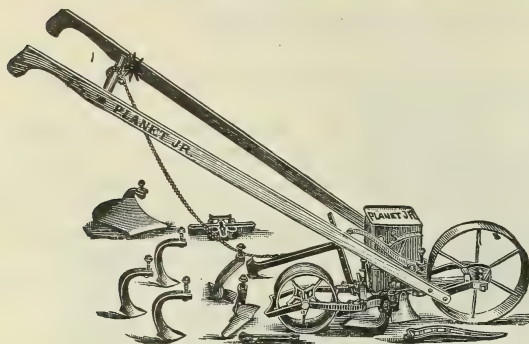
IMPROVED FURROWER AND MARKER



Marks and Furrows at the same time, adjustable to mark any width or depth. The wearing part of the runners is chilled iron, the wings are steel and the frame is oak, it is a labor-saver.

Price No. 1, makes 3 furrows at once, \$10.50. Price No. 2, makes 2 furrows at once, \$9.50

"PLANET JR." NO. 4



Combined Hill and
Drill Seeder, Single
Wheel Hoe, Cultivator
and Plow

Hopper holds two and one-half
quarts seed.

Price complete, - - - \$11.00

As a seeder only, - - - \$9.00

"PLANET JR."

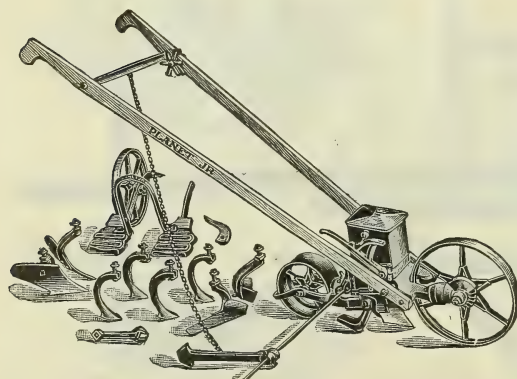
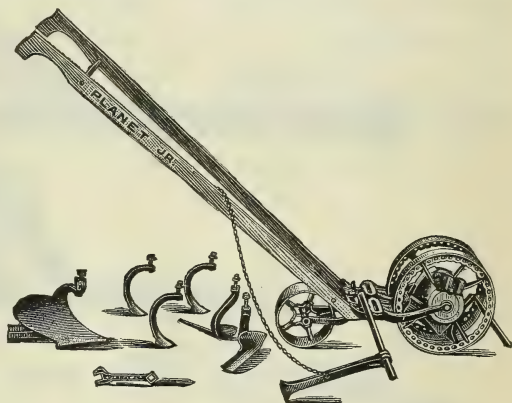
Combined Drill, Wheel Hoe, Cultivator and Plow

A perfect seed sower, and the
attachments are capable of mak-
ing more combinations than we
have space to describe, and each
one works perfectly. Holds 3
pints of seed.

PRICE

No. 1. Combined Machine as
shown, \$9.50

No. 2. Plain Drill without at-
tachments, \$7.50

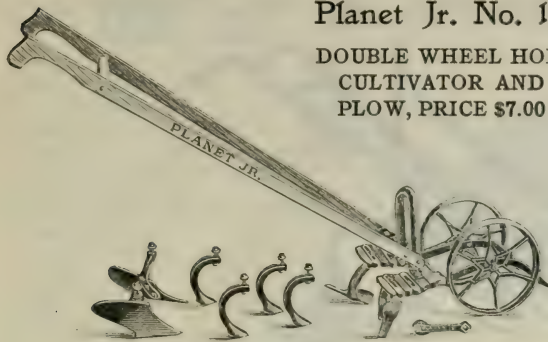


"PLANET JR." NO. 25.

Combined Hill and Drill Seed-
er, Double Wheel Hoe, Cultiva-
tor and Plow. Hopper holds
two and one-half quarts. Sub-
stantial and accurate, two good
machines in one. As a drill it is
almost identical with the No. 4
Drill. As a wheel hoe it is iden-
tical with the No. 12 Double
Wheel Hoe. Price \$13.50.

"PLANET JR." NO. 17. SINGLE WHEEL HOE.

Consists of one pair 6 in. hoes, three cultivator teeth, one garden plow. Price \$5.00.



Planet Jr. No. 12
DOUBLE WHEEL HOE,
CULTIVATOR AND
PLOW, PRICE \$7.00

With this machine one man can do more and better work than six with ordinary hoes. Capable of almost an endless variety of changes.

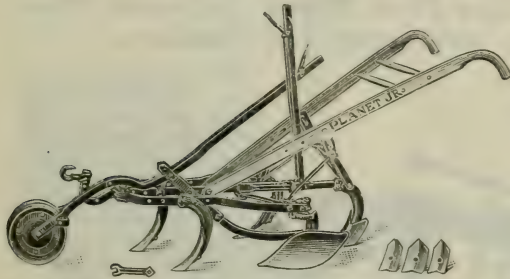
We also sell this with only the long hoes (which are shown attached in cut) and without leaf guards; this we call the Plain Double Wheel Hoe.

No. 11.—Same as No. 12, but with the addition of one pair $4\frac{1}{2}$ in. hoes, two 3 tooth and two 5 tooth rakes. Complete \$9.00.

No. 13 Price \$4.75

No. 14.—Double Wheel Disc Hoe, Cultivator and Plow, Complete, \$8.00.

No. 8 "Planet Jr." All Steel Horse Hoe and Cultivator



Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, it is built extra long, high and strong, has lever for adjusting width, lever for adjusting wheel, which at the same time adjusts the New Depth Regulator. This prevents cultivator settling at the back end.

Price complete as shown with new steel wheel, \$9.25.

NO. 7 "PLANET JR." HORSE HOE AND CULTIVATOR—Similar to No. 8. Two levers but no depth regulator. PRICE \$8.75.

NO. 9 "PLANET JR." HORSE HOE AND CULTIVATOR—Same as No. 7 excepting has no wheel lever. PRICE \$8.00.



"PLANET JR."
HARROW and CULTIVATOR
Price, Plain, \$6.45
" with wheel, 7.65
" complete, 9.25

A glance at this cut will convince you that this is a thoroughly practical tool; it is what is called a Harrow, Cultivator and Pulverizer. The handles are adjustable sideways so that you need not walk on the finished work. It is adjustable from 12 to 32 inches in width, and is a special favorite with market gardeners.

No. 81 Planet Jr. Horse Hoe Cultivator and Hiller Combined.

Has six 3 inch cultivator teeth, two 6 inch side plows and a 12 inch furrowing tooth,
Price \$10.00

"Farmers' " No. 19 Single Wheel Hoe, Cultivator and Plow

To meet the demand for a good wheel hoe for the kitchen garden at a low price. Six different attachments. Price complete, \$3.75.

ALL STEEL HORSE HOE AND CULTIVATOR

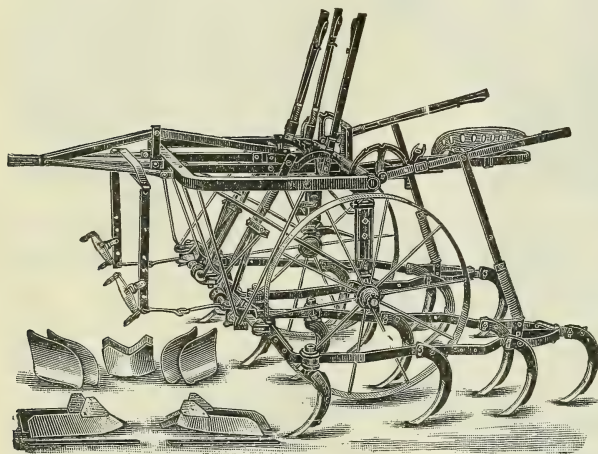


This is a good implement, not our best but a very good one for little money.

(All steel but the handles.)

Price complete with hilling wings, but without wheel lever	- - - - -	\$6.50
Price without hilling wings,	- - - - -	\$4.75
Norcross Hand Garden Cultivator	- - - - -	\$1.00

“Planet Jr.” No. 72, Two Row Pivot Wheel Cultivator, Plow, Furrower and Ridger, with Spring Trip Standards



This tool is so designed that the operator can make changes in width of gauge instantly while machine is in motion, thereby adjusting it perfectly to rows varying greatly in width. Think of the saving in cultivating perfectly two rows of potatoes, beans, corn, or any crop planted in rows (any widths from 28 inches to 44 inches apart) at a single passage. It is a remarkably good tool.

Price Complete with (14) Spring Trip Standards,

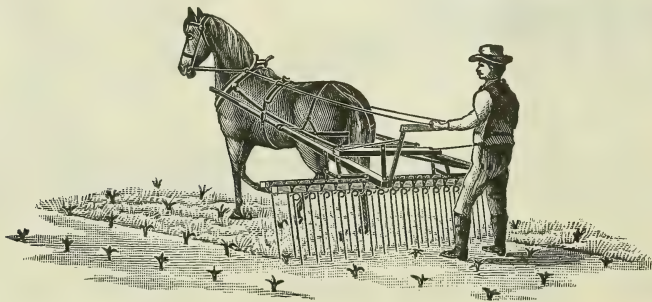
\$61.25

Price without Spring Trip Standards,

\$52.50

Extra for Roller Bearings, \$5.00

WIARD ADJUSTABLE WEEDER



Probably as good weeder as there is made, strong, capable of many adjustments, universally liked if used as intended.

PRICE, \$9.00

THE **IRON AGE** (Improved Robbins) POTATO PLANTER

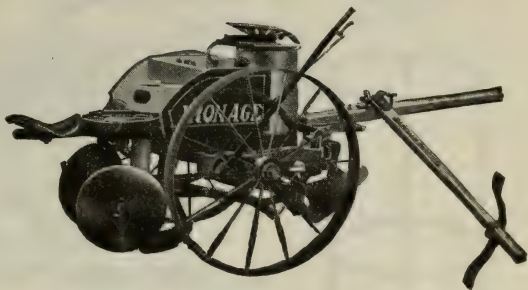
With the IMPROVED ROBBINS, the farmer has the comfortable assurance that his potatoes are being well planted, and the work is being done at the lowest possible cost, easily planting from four to seven acres per day.

PRICE—With Fertilizer distributor and shield plow, \$78.00

Without Fertilizer distributor, with shield plow, \$68.00

Corn, Bean and Pea attachment, extra, 5.00

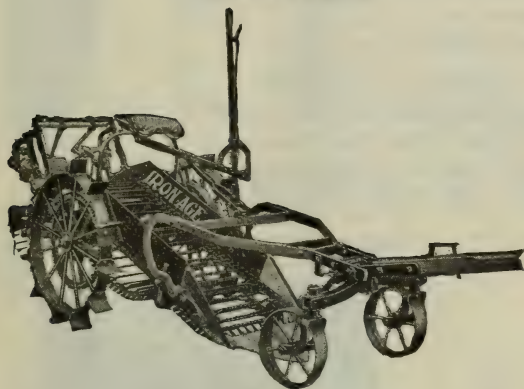
Leveller attachment, extra, 1.50



IRON AGE POTATO DIGGER

A practical digger, working well in almost all kinds of soil where it is reasonably free from weeds and grass, in fact working well under many unfavorable conditions where other diggers fail.

No. 155 Elevator Potato Digger with 4-horse equipment,	\$85.00
Extra for 3-horse Equalizer (less doubletrees),	3.00
Extra for 3-horse Equipment Complete,	4.00
Extra for Spur Attachment,	3.00



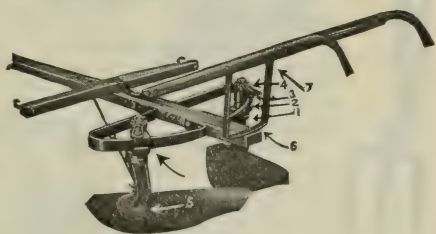
Our New Potato Coverer and Hoe

This tool promises to displace all others for riding and covering potatoes. It is adjustable in many ways, stands high and is especially valuable for hoeing potatoes.

PRICE WITH POLE and wings as shown, \$9.00

PRICE WITH POLE and 20 inch discs in place of wings, 12.00

USE THE QUINNIPIAC AND MAPES FERTILIZERS TO RAISE NICE POTATOES.



BASKETS

Vegetable handles over, No. 1, 18x11x6 1/2	\$.30
" " " " 2, 20x13x7	.40
" " " " 3, 22x14x7 1/2	.50
" " " " 5, 20x16x9 1/2	.75
Picking Drop Bail.....	.25c and .50
Oblong or Stable (cut under handles)	.50
" " " " " "	.75
Cheap Diamond Market.....	10c to .20
Covered Cheap Diamond Market.....	10c to .35
One bushel, Common Stave.....	.25
" " Smooth Stave.....	.50
" " Hand made Oak or Ash.....	.75, 1.00 & 1.25

1 1/2 bushel Handmade Ash,	\$1.50
Two " " " "	1.75
One bushel Metallic, Heavy, .75, 1.00 and 1.25	
1 1/2 " " " "	1.50
Two " " " "	1.75
Egg Baskets,	.30
White Wax Paper, for flowers, ream, \$1.50 and \$3.00.	
White Tissue, ream	\$1.25 and \$2.50
Manilla Tissue, ream	2.00

The MODEL Extension Carnation Support.
Patented



BAMBOO CANES,—6 ft. long, \$1.00 per 100; 8 ft. long, \$1.50 per 100.

STAKES, SQUARE, GREEN, TAPERING.—

	Each.	Doz.	Hundred
1½ feet	2c	20c	\$1.12
2 "	4c	40c	2.25
3 "	5c	55c	4.00
4 "	7c	75c	5.50
5 "	9c	\$1.00	7.50
6 "	11c	1.25	9.00

STAKES, ROUND, GREEN, TAPERING.—

	Each	Doz.	Hundred
2 feet	5c	50c	\$2.50
3 "	7c	75c	4.70
4 "	10c	\$1.00	7.00

STAKES OR DAHLIA POLES, HEAVY ROUND.—

	Each.	Doz.	Hundred.
5 feet	15c	\$1.50	\$12.20
6 "	18c	1.85	14.80

GALVANIZED WIRE STAKES.—

	Doz.	Hundred.
3 feet	35c	\$2.00
3½ "	40c	2.25
4 "	45c	2.50
5 "	50c	3.00
6 "	60c	3.50

WOOD GARDEN LABELS,—(100 in pkg.)—

	Plain.	Painted.
8 inch, per hundred	45c	50c
	75c	85c

WOOD POT LABELS,—(1000 in pkg.)—

	Plain.	Painted.
4 inch	70c	90c
6 "	\$1.00	\$1.35

WOOD TREE LABELS,—¾ in. copper wired, 25c per 100; \$1.50 per 1000.

FLOWER STEMS—(Wired Tooth Picks), per box of 10,000, \$1.75.

CARNATION SUPPORT.—"Model Extension." 2 ring, per doz., 50c; per 100, \$3.50; 3 ring, per doz., 60c; per 100, \$4.00.



TOMATO SUPPORT

Price 20c Each—Per Doz., \$2.00.



GARDEN REELS, large	75c
extra large	1.00
GARDEN LINES, (100 ft.)	50c
GARDEN TROWEL, (common)	10c
" " solid steel	40c
" " forged steel	60c
" " transplanting	.25 and 50c

WEEDING FORK 15c

FLORAL SETS

3 in set (small)	10c, 25c, 50c
4 in set, strong (large)	75c, 1.00, 1.25

FRUIT PICKERS (wire) 25c

GLASS CUTTER 25c and 35c

ENGLISH SCUFFLE HOES

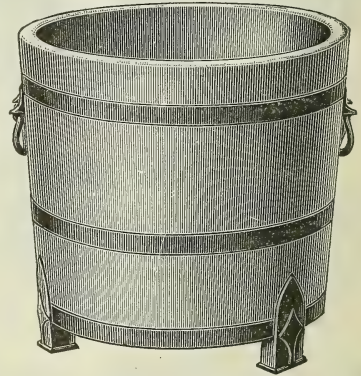
5 inch	55c
6 "	60c
7 "	65c
8 "	70c
9 "	75c
10 "	85c
Handles extra	20c
COMMON SCUFFLE	60c
ASPARAGUS KNIVES	55c

THERMOMETERS

Tested, 12 inch, metal case	\$1.50
Common, 12 " " " "	.30
" 10 " " " "	.25
" 8 " " " "	.20
" 6 " " " "	.15

Hot Bed, guaranteed, \$2.00; not guaranteed, \$1.25
Self-registering \$1.25 to \$3.00

FULL LINE FANCY THERMOMETERS.



TREE TUBS

NEW YORK PATTERN

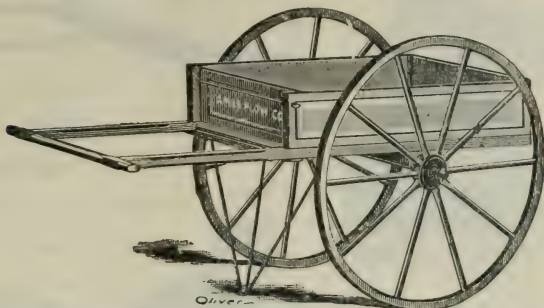
Made of Virginia White Cedar, painted green.

No.	Diam.	Height	Each
No. 1	12 inches	10½	\$1.35
" 2	13 "	12½	1.75
" 3	14½ "	14½	2.25
" 3½	16½ "	15½	2.75
" 4	19½ "	16½	3.00
" 5	22½ "	18½	3.75

HAND WEEDERS

10c to 35c.

HAND CARTS



Light, strong, well made. The No. 10 and No. 12 have bent handles. No. 14 has straight handles as illustrated.

No. 10.—Wood Wheels, Body 37x22 in.	Price
No. 12.—“ “ “ 41x25 in.	\$11.00
No. 14.—“ “ “ 44x30 in.	12.50
	14.00

SPECIAL LAWN CART

Body 41 in. x 25 in. Steel Axles Removable Leaf Rack 16 in. high. Tire 2½ inches.
Price \$20.00

IRON CUT FLOWER VASES FOR CEMETERY

"Tulip Pattern,"	25c to 50c
"Calla Pattern,"	25c to 50c
Tin	10c & 15c
Galvanized	20c



HOT BED MATS.

Made of Jute, thickly padded. 76x76 in. Price each \$1.50 to \$1.80.

Improved Mole Trap,	\$1.50
Pruning Shears, 7 in. light Steel	.45c
Pruning Shears, 8 in. steel	.65
" " 8½ in. steel	.75
" " 8 in. Malleable steel blades	.50
" " French	\$1.00 and \$1.50
Flower Picking Shears (nickled)	\$1.00 and \$1.50
Grape Thinning Shears	\$1.00, 1.25 and 1.50
Grass or Sheep Shears	.25, 35, 50, 75, 1.00
True Vermonter Shears	\$1.25

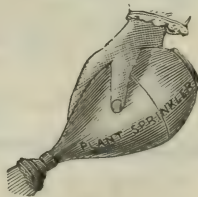
PRUNING KNIVES.

English Stag Horn	\$1.25 and \$1.50
BUDDING KNIVES.	
Ivory Handle	\$1.25 to 1.75

SAND RIDDLES FOR SIFTING SOIL

18 in. Galvanized either ¼ inch, ½ inch, ¾ inch, or 1 inch, each \$1.00.

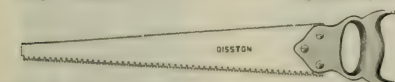
RUBBER PLANT SPRINKLER



Medium size	\$.75
Large size	1.00

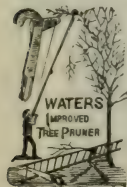
MASTICA.—Used in place of Putty.

½ gallon can, 75c; 1 gallon can	1.50
MASTICA MACHINE	1.50
PUTTY BULB—for glazing	1.00
TARRED MARLINE—for making straw mats, per lb.	.25
RAPHIA—for tying, per lb.	.20
WOOL TWINE—soft, for tying, per lb.	.12
SILKALINE—green, per spool	.20
COARSE TWINE—Hemp, very strong, per ball	.25
FINE TWINE—hemp, per ball	.10
COTTON TWINE—per ball	.05
GALVANIZED ANNEALED GREENHOUSE WIRE—per lb	.12
MOSS (Sphagnum)—either dry or fresh	
—green, per bbl.	\$1.50 to 2.50
CORN KNIVES	.25c and .50
GRASS HOOKS—Common	.25c to 40c
" " English and Concave	.75
GIANT GRASS HOOK	.50



PRUNING SAW, (double edge)—80c, 85c, \$1.00.

WATER'S TREE PRUNER.	
4 feet	\$1.75
6 "	.85
8 "	1.00
10 "	1.15
12 "	1.55
Extra Knives	.20
CHISEL PRUNER AND SAW.	
Combined	\$1.00
TREE SCRAPERS.	50c





SPADING FORKS

"BATCHELLER'S"

4 Tine Long Handle, Flat or Diamond	85c
4 Tine D Handle, Flat or Diamond	85c
Manure Forks, Batcheller's.	75c
5 " " " "	90c
6 " " " "	\$1.10
Potato Hooks, Batcheller's.	60c
5 Tine "Standard,"	65c
6 " " " "	1.25
Barley Forks (with bail)	1.25

HOES

Socket Field, 8 in. blade	50c
Shank, Field, 7½ and 8 inch blade	45c
Socket, Meadow, 9 and 10 inch	50c
Ladies' Hoe, 5½ inch blade	35c
Humphrey (tooth hoe)	75c
Mortar Hoe (shank)	70c
" " (socket)	75c
" " (mixer)	75c

RAKES

Steel Garden	10 tooth	50c
" "	12 "	55c
" "	14 "	60c
" "	16 "	65c
Steel Short Teeth	16 "	70c
Steel Heavy Road	14 "	1.00
Electric Welded	14 "	40c
TURF EDGER—or Edging Knife		60c

RULES

1 foot Caliper	25c and 35c
1 " Full Brass Bound	25c
2 " Plain	10c
2 " (heavy joint)	15c
2 " Half Brass Bound	25c
2 " Full " "	30c
4 " Z. Z.	25c
6 " Z. Z.	40c

FILES

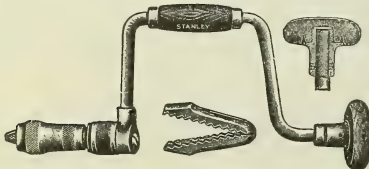
ALL SIZES—Taper, Slim Taper and Flat Files.



LEVELS

12 inch	50c and 65c
16 "	.80
28 "	.90c and \$1.50
30 "	1.00
42 "	2.00

BIT BRACES



Plain	75c
Ratchet	\$1.00, 1.25, 1.75 and 2.25
Putty Knives	25c, 35c and 50c
Key Rings	5c and 10c
Key Chains	10c, 35c
Carpenter's Pencils	5c



HAY FORKS

"BATCHELLER'S"

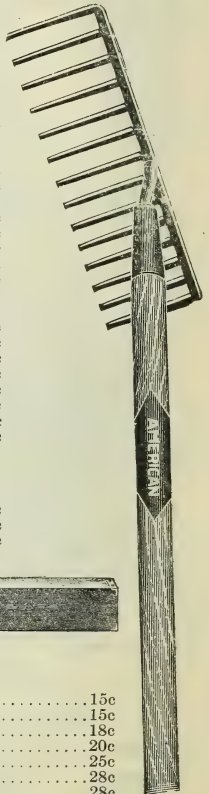
No. 0, 3 Tine (boys') straight handle 25c

No. 3, 3 Tine bent handle 55c

The above prices are for forks with

3½ ft., 4 ft., and 4½ ft. handle.

Extra long handles, 5 to 10c extra.



GLUE

LePAGE'S OR PROGRESSIVE

Small Bottle	10c
Large Bottle	15c
Can	30c

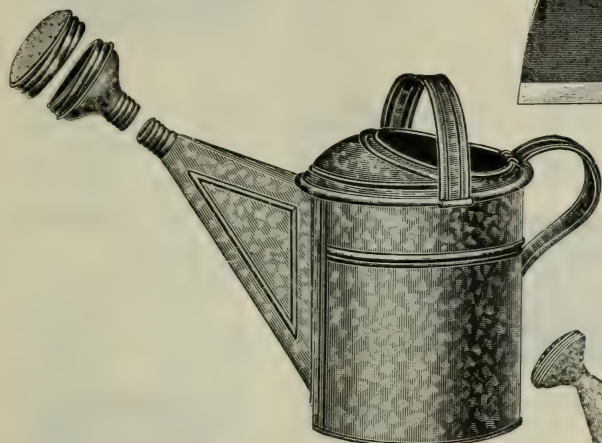


BITS

4-16	15c
5-16	15c
6-16	18c
7-16	20c
8-16	25c
9-16	28c
10-16	28c
11-16	30c
12-16	30c
13-16	35c
14-16	35c
15-16	38c
16-16	40c
Ford's Sets	4.50
W. Jennings' Sets	4.00
Gimlet Bits	3.50
Gimlet Bits	10c
Tapping Bits	25c and 30c
Gimlets	10c and 15c

HATCHETS

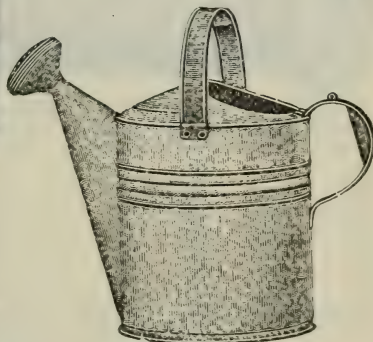
Shingling, .....	.75c and \$1.00
Broad, .....	.85c and \$1.00
Hunter's, .....	.35c and .85c
House Axe, .....	.75c and .85c
Lathing, .....	.90c



Regular Style

REGULAR STYLE WATERING POTS

	Galvanized.	
4 Quart	\$.45 and	\$.50
6 "	.55 "	.65
8 "	.70 "	.85
10 "	.85 "	1.00
12 "	1.00 "	1.25
16 "	1.25 "	1.50



Regular Style

PHILADELPHIA WATERING POTS

This is pronounced by Florists to be the very best Watering Pot they have seen. Is made of very heavy galvanized iron, with brass joints, with two copper roses and extra long spout.

6 Quart, \$2.00. 8 Quart, \$2.25. 10 Quart, \$2.50.

FRENCH PATTERN WATERING POT

6 Quart, Galvanized, - - - - -	\$2.25
8 Quart, Galvanized, - - - - -	2.50

AUTO SPRAY PUMP

Self-operating Sprayer, simple, durable, easy to carry and operate. Price with Brass Tank, \$7.00; with Galv. Tank, \$5.00; Extra for Fine Auto. Pop Nozzle, \$1.00.

Auto Pop Nozzle, if sold alone, \$1.50.



Auto Spray Pump

FLOWER BED GUARD

Made of heavy galvanized wires, 16 in. high. Per lineal ft. 10c.

Prices below are List Prices.

Discounts according to quantity.



ROUND TILE

ROUND TILE—(13 Inches long)

The sizes named are inside measurements.

Size	Weight	Price per 1000 pieces	Weight
2 inch	3,000 Lbs.	\$15.00	
2½ "	4,000 Lbs.	20.00	
3 "	5,000 Lbs.	25.00	
4 "	7,000 Lbs.	45.00	
5 "	10,000 Lbs.	75.00	
6 "	12,500 Lbs.	100.00	
7 "	15,000 Lbs.	125.00	
8 "	17,000 Lbs.	150.00	
10 "	26,000 Lbs.	250.00	
12 "	35,000 Lbs.	350.00	



LIST PRICES ON AKRON SEWER PIPE

We carry a heavy stock of this on hand.

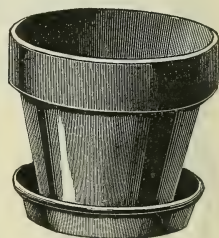
Inside Diameter	Weight per Foot	Price per Foot	Elbows and Curves Each	Branches Single 1 or 2 Feet Long with Inlets up to and including 12 Inches Each	Branches Double 2 Feet Long with Inlets up to and including 12 Inches Each
3 ins.	8 lbs.,	\$0.20	\$0.60	\$0.80	\$1.00
4	10	.25	.75	1.00	1.25
5	12	.30	.90	1.20	1.50
6	16	.40	1.20	1.60	2.00
8	24	.55	1.65	2.20	2.75
10	34	.80	2.40	3.20	4.00
12	48	1.00	3.00	4.00	5.00
15	67	1.35	4.05	5.40	6.75
18	84	1.90	5.70	7.60	9.50
20	100	2.25	6.75	9.00	11.25
24	140	3.25	9.75	13.00	16.25

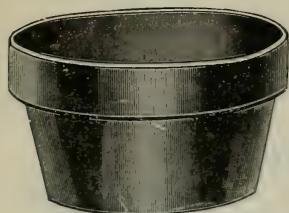
Discount on application.

STANDARD FLOWER POTS AND SAUCERS

Size.	Wt. Per M Pots.	Pots.	Saucers	P.&S.
1¾ inch,	100 lb.	per hundred \$.70	.....	.....
2 "	150 "	" .80	.....	.....
2½ "	300 "	" 1.10	.....	.....
3 "	400 "	" 1.40	.....	.....
3½ "	600 "	" 1.70	\$1.40	\$3.10
4 "	750 "	" 2.20	1.80	4.00
4½ "	1000 "	" 3.00	2.00	5.00
5 "	1300 "	" 4.00	2.25	6.25
5½ "	1600 "	" 5.00	2.50	7.50
6 "	1950 "	" 6.00	3.00	9.00
6½ "	2500 "	" 8.00	3.50	11.50
7 "	3350 "	" 10.00	4.00	14.00
8 "	4400 "	" 14.00	6.00	20.00
9 "	6600 "	" 20.00	8.00	28.00
10 "	8700 "	" 27.00	10.00	37.00
11 "	11250 "	" 36.00	12.00	48.00
12 "	14500 "	" 50.00	15.00	65.00
13 "	"	" 75.00	20.00	95.00
14 "	each	" 1.00	.25	1.25
15 "	"	" 1.50	.30	1.80
16 "	"	" 2.00	.35	2.35
18 "	"	" 3.00	.50	3.50

We are prepared to give you the right figures on first-class Earthen Ware, on application.





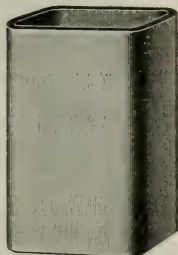
SEED OR BULB PANS

	Per 100	16 inch each,	\$1.30
6 inch Round,	\$6.00		
7 " "	8.00	18 " "	2.00
8 " "	10.00	20 " "	2.70
9 " "	14.00	22 " "	4.00
10 " "	18.00	24 " "	5.40
12 " "	35.00		
14 " "	75.00		

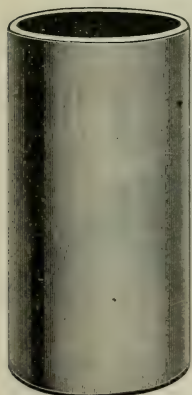
**FIRE CLAY FLUE
LINING**
2 FOOT LENGTHS

Openings and Register
50 per cent added.

*Sizes most used.



Outside Measure.	Weight.	Price per ft.
4½x8½ in	14 lbs.	\$.30
4½x13 " "	19 " "	.45
4½x18 " "	40 " "	1.00
6 x12 " "	22 " "	.50
6 x16 " "	24 " "	.75
7 x 7 " "	18 " "	.35
*8½x8½ " "	20 " "	.45
*8½x13 " "	23 " "	.65
8½x18 " "	45 " "	.90
*13x13 " "	40 " "	.85
13x18 " "	57 " "	1.20
14x16 " "	50 " "	1.10
18x18 " "	75 " "	2.00



FIBRE WARE—FLORISTS' VASES

No. 0.	8x13, -	-	-	-	-	60c.
No. 1.	5½x10, -	-	-	-	-	50c.
No. 2.	4½x9 -	-	-	-	-	45c.
No. 3.	4x6, -	-	-	-	-	35c.
No. 4.	3x4½, -	-	-	-	-	25c.
No. 11.	5½x18, -	-	-	-	-	60c.
No. 22.	4½x15, -	-	-	-	-	50c.

INDURATED FIBRE WARE SAUCERS

WILL NOT SOAK WATER

	Each	Doz.		Each	Doz.
4 inch,	10	\$1.00	10 inch,	20	\$2.20
6 " "	15	1.65	12 " "	24	2.60
8 " "	18	1.90	14 " "	30	3.30

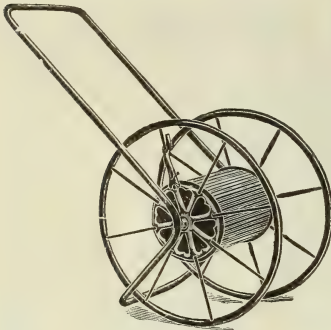
**BRANDT
SIMPLEX SPRAYER**

Made in either Brass or Galvanized Iron, tank hold 3½ gallons. Throws continuous spray, a practical sprayer.

Prices.

No. 1.—Brass tank,	\$7.00
No. 2.—Galvanized tank,	\$5.50
Double nozzle for two rows,	\$1.50
No. 2. Cap for heavy liquids,	.50
Tree Nozzle,	1.50





Tubular Hose Reel

The "B & S" Hose Reel

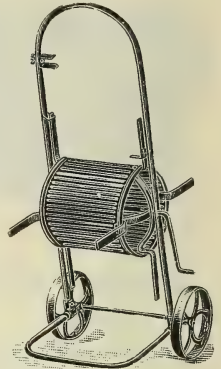
A very satisfactory reel.
Price \$2.25

Eclipse Hose Reel

Price \$1.00.

Tubular Iron Hose Reel

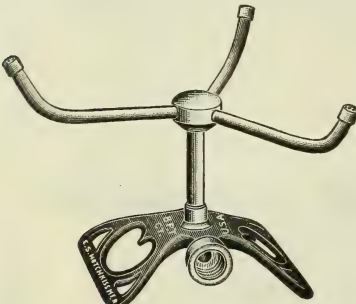
Light weight, high wheels
For 100 ft. Hose, \$2.85.
For 150 ft. Hose, \$3.15.
For 500 ft. Hose, \$5.00.



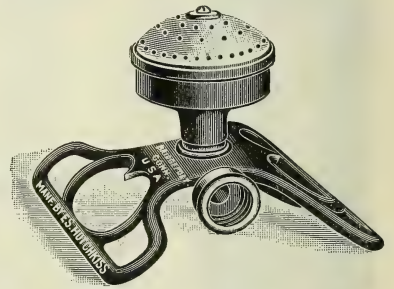
B & S Hose Reel

RUBBER HOSE

Howard's "Special 7 Ply," a very strong high grade hose, $\frac{3}{4}$ in., 19c. per ft., $\frac{1}{2}$ in., 18c. per ft.
"Howard's Leader."—An excellent, high grade, 3-ply hose, $\frac{1}{2}$ in., coupled, 15c., per ft., $\frac{3}{4}$ in. coupled, per ft., 16c.
"REVERO"—A fine quality hose non-kinkable, very pliable, especially good for tree spraying and green-house use, $\frac{1}{2}$ in., coupled, 19c., $\frac{3}{4}$ in., coupled, 20c.
"B and S."—An excellent hose, $\frac{1}{2}$ in. 16c., $\frac{3}{4}$ in., 17c.
"Delva."—Good Hose for the money, $\frac{3}{4}$ in. coupled, per ft., 10c.; $\frac{1}{2}$ in., coupled, 9c. ft.



Lawn Sprinkler, Fig. 35



Lawn Sprinkler, Fig. 20

LAWN SPRINKLER.—Four revolving arms, Fig. 35,

LAWN SPRINKLER.—Same as Fig. 35 but with longer arms and higher standard,

LAWN SPRINKLER.—Fig. 20.—Neat, compact, gives beautiful mistlike spray,

HOSE COUPLINGS—Complete set,

- " Bands and Clamps, each, .05
- " Menders "Cooper's," $\frac{1}{4}$ in., $\frac{1}{2}$ in., each 10c; doz., .85
- " Washers, per dozen, .10
- " Pliers, .25
- " Nozzle Holders, .25
- " End for connecting hose with faucet, .50
- " Perfect Clinch Mender, each, .10

HOSE NOZZLE.—Throws spray or solid stream by turning thumb screw, .75

BORDEAUX SPRAY NOZZLE,

MISTRY NOZZLE.—for $\frac{1}{2}$ in. pipe, \$2.00; for Hose, \$2.25

MISTRY JR. NOZZLE.—for $\frac{1}{2}$ in. pipe, \$1.00; for Hose, \$1.25

COUPLING to connect Hose with $\frac{1}{2}$ in. extension pipe, .25

VERMOREL SPRAY NOZZLE.—

KINJEY PUMP.—

ROSE SPRAY NOZZLE.—

Chisel Blad Weed Cutter, with Foot Rest, .60

Pastime Wad Extractor, with 4 ft. handle, .25

BRASS PLANT SYRINGES.

No. 8 Barrel 18 in. long, very heavy, well made, \$5.50

No. "G" Barrel 16 in. long, 1 spray, 1 stream Rose, \$4.50

No. 7. 2 Roses and Angle Joint, \$8.50

WATER BARREL AND TRUCK

Complete with 2 $\frac{1}{2}$ inch tire,
TRUCK without barrel, 9.00
HAND CART BOX, 3.25

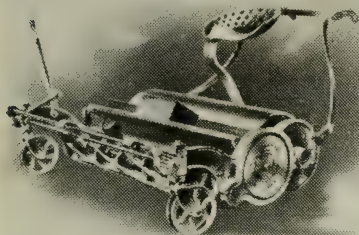
Price \$12.50
" 9.00
" 3.25



Boston Hose Nozzle 50c

COLDWELL IMPROVED LAWN MOWER

Coldwell's "Improved" Horse Lawn Mower



We guarantee this to be the best and most perfect Horse Lawn Mower manufactured. It is provided with shafts, seat and side draft attachment. Each mower is guaranteed to give complete satisfaction. The new lever attachment for raising knives from the ground and adjusting heights of cut is very convenient. Price: 30 in., \$65; 35 in., \$78; 40 in., \$95.

Add \$10 to above prices for 6 Blade Mowers.

COLDWELL'S MOTOR LAWN MOWER

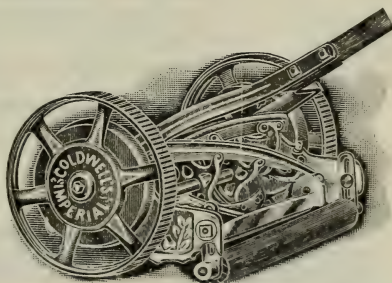
A practical Mower for large lawns, and especially good on Putting Greens, cuts very evenly.

	Weight.	Width of Cut.	Horse Power	Hill Climbing Ability.	Price.
Style D	2000 lbs.	40 in.	12	25 per cent grades	1300.00 f. o. b. Newburg

IMPERIAL HIGH WHEEL LAWN MOWER

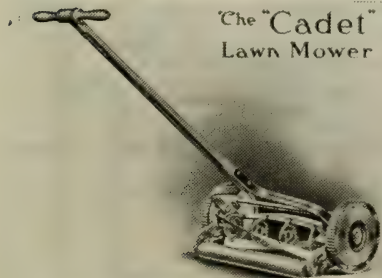
This mower is not surpassed by any Lawn Mower in the market. It is easy running, does the best of work, and its construction is such that it will outwear any lawn mower made.

Price; 14 in., \$8.00; 16 in., \$9.00; 18 in., \$10.00; 20 in., \$11.00. Add \$1.00 to above prices for 5-blade mower.



THE CADET LAWN MOWER

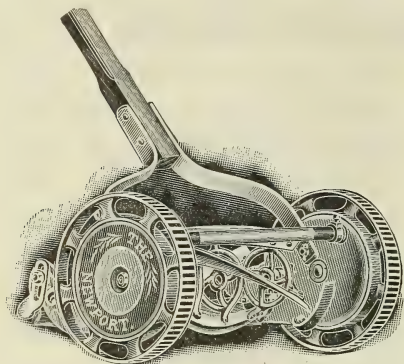
The "Cadet"
Lawn Mower



This is an excellent low price mower and should not be confounded with the cheap mowers that are on the market, many of which are worthless.

The Cadet is a well made, substantial mower.

Price 14 inch,	\$4.00
Price 16 inch,	4.50



CHAIN ROLLER MOWER

This is designed especially for use on borders and on the edges of drives and walks.

It runs very easily and is quite a necessity on all large lawns.

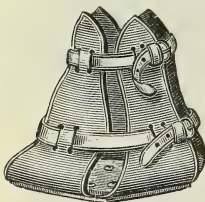
PRICE—4 Blade Mower, 12 in. \$12.00; 14 in. \$13.00; 16 in. \$14.00; 18 in. \$16.00
PRICE—6 “ “ “ \$13.00; “ \$14.00; “ \$15.00; “ \$17.00

THE NORKA LAWN MOWER

This mower is what might be called a bargain mower, it is worth much more than the price asked. 16 inch only, \$2.85.

GRASS CATCHER BOXES FOR CHAIN MOWER—12 in. \$1.50; 14 in. \$1.60; 16 in. \$1.85; 18 in. \$2.00.

GRASS CATCHER for high wheel mowers, \$1.50 each.



HORSE LAWN BOOTS

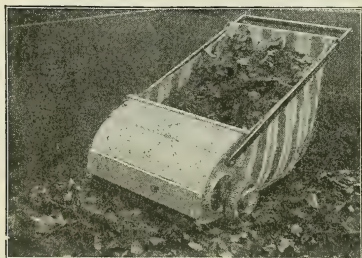
To prevent horse from marking the lawn.

Price per set of 4, \$9.00, \$10.00 and \$11.00.

CAPITAL LAWN EDGER AND TRIMMER

For cutting grass borders and trimming edges of walks.

Price complete, \$6.00.



The Pennsylvania Lawn Cleaner

A revolving fan with metal teeth, takes up leaves, dead grass, stones, etc.

Price, 24 in. \$16.00
“ 36 “ 25.00

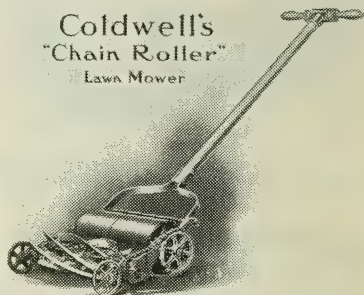
THE NEWPORT HIGH WHEEL MOWER

A medium-priced mower, and a splendid machine.

16 inch,

\$6.50

Coldwell's
"Chain Roller"
Lawn Mower





POMONA SPRAY PUMP

One of the Best Pumps for orchard use, very powerful, all working parts solid bronze.

Price pump with Agitator only \$15.00.

Price pump with 15 ft. hose, "Mistry" nozzle and Agitator, \$18.75.

Price with two leads of hose, with nozzles and Agitator, \$22.00.

Price extra for mounting and barrel but without cart \$3.50.

Gould's Cart for mounting barrel sprayers, \$10.00.

FRUITALL SPRAY PUMP

Similar to the Pomona, but lighter and not quite so powerful. Price \$5.00 less than the Pomona.

"Iron Age" Four Row Sprayer

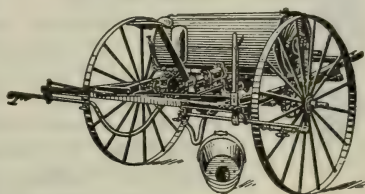
A practical Sprayer operated by horse power, tank made of heavy galvanized iron, sprays four rows at once.

Price Single Acting Pump, equipped with shaft, \$73

Price Single Acting Pump, equipped with tongue, \$75

Add for Double Acting Pump, \$10.00

Orchard attachment, extra, \$7.00



Dickey Bug Death Shaker

For distributing Bug Death, Slug Shot, etc.

Price 25c

THE AQUARIUS

A very powerful little pump, throws a steady stream. Cylinder, piston rod and couplings are brass, fitted with 2½ ft. suction and 3 ft. discharge pipe, one spray and one solid stream nozzle.

Price, \$5.00

THE AQUAPULT

A VERY SERVICEABLE HAND FORCE PUMP

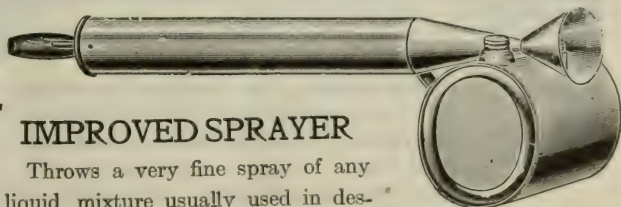
The valves are brass balls, which successfully resist the action of acids. Complete with 3 ft. discharge hose, solid stream and spray nozzle,

Price \$4.50

With 4 foot Extension Rod and Vermorel Nozzle, \$6.00

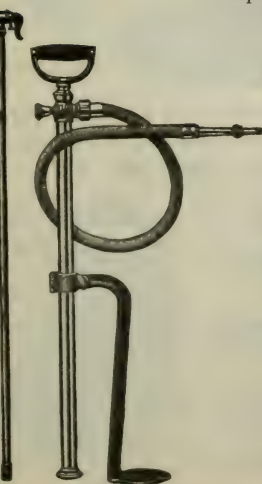


The Aquarius



IMPROVED SPRAYER

Throws a very fine spray of any liquid mixture usually used in destroying insects, bugs, etc.; throws dry insecticides nicely. The best thing for applying Kilfli, Guaranteed Cattle Oil, etc., on cattle. Price, 50c.



The Aquapult

The "Iron Age" Horizontal Sprayer

mounted on skids, can be set in any wagon, cart or sled, price ready for use—with one lead hose, \$23.50

INSECTICIDES

APHINE—For the destruction of green fly, back fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale. Quart \$1.00; Gal. \$3.00.



Aphis Punk. For fumigating Greenhouses. Three rolls will fumigate 100 foot house. One doz. rolls in box. Price per box, 60c.

ARSENATE OF LEAD—1 lb. 20c., 5 lbs. 95c.

Bordeaux Mixture, Sterlingworth. Prevents Potato Blight, Mildew and all Fungus growths. Dilute with 25 to 50 parts water. Qt. can, 35c; Gal. can, \$1.00.

BUG DEATH. An insecticide for destroying Potato, Squash and Cucumber Bugs, Currant Worms, etc. Price 1 lb. pkg., 15c, 3 lb. pkg. 35c, 5 lb. pkg. 50c, 12½ lb. pkg. \$1.00, 100 lb. keg, \$7.50.

California Wash. For San Jose Scale, per gal. \$1.25.

Chloride Lime. A valuable disinfectant. Price 1 lb. box, 15c; ½ lb. box, 10c.



Copper Solution. To prevent blight, rot and mildew, qt. \$.60.

Cyanide of Sodium. Per lb. \$1.50.

Fir Tree Oil. An all-round insecticide for Greenhouse use. Pint can, 90c, qt., \$1.50, ½ gal. \$2.50 gal. \$4.50.

Fir Tree Oil Soap. Per can 25c and 75c.

Fungine. A remedy for mildew, rust and other fungus diseases, gal. \$2.25.

Grape Dust. For the prevention of mildew, 5 lb. pkg., 35c.

Hellebore, Sterlingworth. For currant worms and rose slugs. Price ½ lb. box, 15c; 1 lb. box, 25c.

Kerosene Emulsion, Sterlingworth, for scale and all sucking insects. Per gal. \$1.00.



KILFLI (So-bos-so)—An excellent preparation to protect animals from flies, price per gal. can, \$1.00.

Lawn Compound (Sterlingworth.) A dry powder to be sprinkled over the lawn and weeds. It kills the weeds but not the grass and makes the lawn green and velvety. 5 lb. cans 60c; 10 lb. cans, \$1.00; 50 lb. keg, \$4.00; 100 lb. kegs, \$7.50.

Lime and Sulphur Wash, Sterlingworth. The most widely used and recommended remedy for San Jose Scale. 1 gal. makes 10 to 40 gals. Prices, gal. cans, 75c.; 5 gals., \$2.25; 50 gals., \$12.00.

Nico-Fume. A tobacco paper insecticide for fumigating. Per can 85c., and \$4.00.



Nikoteen. Each bottle represents the extracted product of 150 lbs. tobacco. Price \$1.60.

Nikoticide. A powerful tobacco insecticide for greenhouse fumigating. Cans, \$1.25 and \$2.50.

PARIS GREEN. We Guarantee Our Paris Green to be Absolutely Pure.

Put up in ¼, ½, 1 and 2 pound boxes. Prices according to the market.

Plant Food. For house plants. Small pkg., 15c. Large pkg., 25c.

Plant Food. "Bonora" ¼ lb. pkg. 25c., 1 lb. pkg. 50c., 5 lb. pkg. \$2.50.

Plant Food Imperial Liquid. Price per pt. bottle, 25c. Per qt. bottle, 40c.

Plant Tablets, Sterlingworth. Dissolve in water, make your plants bloom luxuriantly. Prices 10c, 25c, 50c.

Potash. Per box, 15c.

PYROX. A spray for all leaf eating insects, also a preventative of fungus diseases. Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

Roach and Ant Destroyer. Pkg. 25c.

Scalecide. For spraying, especially good for San Jose Scale. 1 gal. \$1.00, 5 gals., \$3.50.

Seal Oil Soap. A valuable insecticide for syringing and washing plants. Box, 25c.



INSECTICIDES, (Continued)



Sheep Dig—Cooper's. In powder form, pkg. makes 25 gallons. Price 50c.

Sheep Dig—Leggett's. Quart can, 75c; $\frac{1}{2}$ gallon can, \$1.25.

Slug Shot. Hammond's. Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 5 lb. pkg., 30c.

Sulfocide—A summer spray for blight, mildew, scab, etc., Pt. 50c; Qt. 75c; Gal. \$2.00.

Sulpho-Naphthol. A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 25c; medium bottle, 50c; large bottle, \$1.00; one gallon can, \$3.00; five gallon can, \$12.50; ten gallon can, \$20.00.



Sulphur, Flowers of. Much finer and preferable to Flour of Sulphur, for the prevention and cure of Mildew on grape-vines, roses, etc. Price per lb., 10c; 10 lbs., 60c.

Sulphuric Acid. per bottle, 75c.

Tobacco Dust. A very fine dry powdered tobacco. Price per lb. 10c; 5 lbs. 35c.

Tobacco Extract. A powerful extract of Tobacco, for destroying Lice, Red Spiders, Mealy Bugs, etc., by vaporizing. Price per pint, 30c; quart, 60c.

Tobacco Stems for fumigating. In bales of 100 lbs. each, 2c per lb.

Weed Exterminator—(Herbicide)—1 gallon, \$2.25; 2 gallon, \$4.00; 5 gallon, \$7.50.

Weed Killer, Sterlingworth. A powder, dissolves in water, for use on walks, drives and gutters. 1 lb. pkg., makes 15 gals., 50c; 3 lb pkg., \$1.25.



Whale Oil Soap. Properly fish oil soap, per lb. 15c.

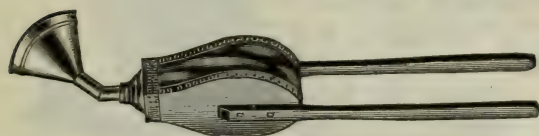
Whale Oil Soap, with Tobacco. Sterlingworth. Makes an excellent wash for trees and plants, and for smearing on the trunks of trees, to prevent worms from crawling up. Excellent for destroying the Green Worm on Cabbages. More effective than ordinary Fish Oil Soap. 1 lb. box, 25c.

X L ALL. Liquid insecticide, for spraying and sponging to destroy insects, quart can, \$1.25; half gal. can, \$2.00; one gal can, \$3.75.

X L ALL. Vaporizing Compound for fumigating, per bottle, \$2.25.

Lamp for Fumigating. Complete with stand, 75c.

Campbell Vaporizer



The only safe machine to use in vaporizing sulphur in greenhouses. Large size, \$8.00; medium size, \$7.00.
BELLOWS OR GUN—For applying dry, Paris Green, Hellebore, Tobacco Dust, Sulphur, etc., \$1.00
Insect Powder Gun, small, 10c.

Acre An Hour Sifter

For using Bug Death and other Insecticides dry. It is well named. Price 75c.

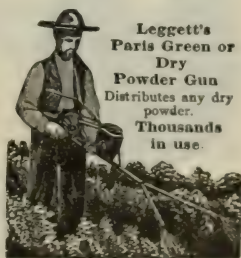


Leggett's Improved Champion Dry Powder Gun

Price complete, \$8.00

Leggett's Little Giant Duster

Similar to Champion, but smaller,
Price \$6.00



Leggett's
Paris Green or
Dry
Powder Gun
Distributes any dry
powder.
Thousands
in use.



SHOVELS

	Long Handle Round	D Handle Round	Long Handle Square	D Handle Square
Subject to change in market.				
Ames,	\$1.25	\$1.25	\$1.25	\$1.25
Blair	1.00	1.00	1.00	1.00
Lee,	1.00	1.00	1.00	1.00
Brown,	.75	.75	.75	.75

STEEL SCOOPS

		Polished Plain.	Polished Ex-Strapped
SANDERSON'S No. 2,	- - - -	\$.90	
No. 3,	- - - -	.95	
No. 4,	- - - -	1.05	
No. 5,	- - - -	1.10	
No. 6,	- - - -	1.15	1.25
No. 7,	- - - -	1.20	\$1.30

STEEL FURNACE SCOOP, .80

WOOD POTATO SCOOP, \$1.50

WIRE POTATO SCOOP, 1.75



PICKS—Adze
Eye Railroad
.75
Contractors \$1

SPADES

	D Handle.	Long Handle.
Ames, - - - - -	\$1.25	\$1.25
Lee, - - - - -	1.00	1.00
Brown, - - - - -	.75	.75

HANDLES

Sledge.....	\$.12 to \$.20
Hammer.....	.06 to .15
Hatchet.....	.10
Pat Cross Cut Saw, per pr.....	.25
Ice Hook.....	.20 to .30
Axe—See Axes	
Pick.....	.25 and .30
Long or D Shovel.....	.25 and .35
Manure Fork.....	.15 to .35
D. Spading Fork.....	.35
Long Spading Fork.....	.20
Hay Fork.....	.15, .20
Hoe and Rake.....	.15, .20

BRICK TROWELS.

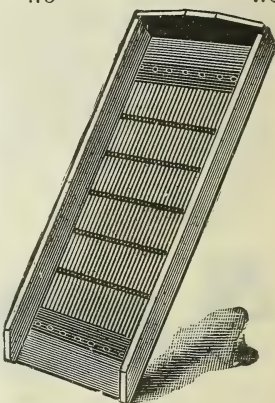
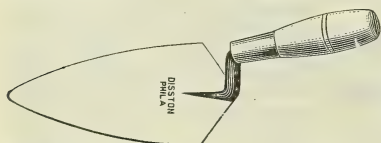
Riveted.....	.35
Disston's.....	.75 to \$1.35
Pointing 4½ inch.....	.30
" 5 inch.....	.35

MASON'S Hocks.....	\$.85
" Floats.....	.85
Tape Lines, 50 ft.....	.40
" 75 ft.....	.60, \$4.50
" 100 ft.....	.75, 5.75

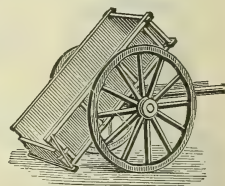
PLASTERING TROWELS.

Disston's 10 inch	\$1.00
" 10½ inch	1.25
" 11 inch	1.35
" 11½ inch	1.50

Masons' Sand Screens.	
Medium.....	\$4.50
Large.....	5.00
Mortar Hods Steel	1.50
Brick Hods Steel	1.25



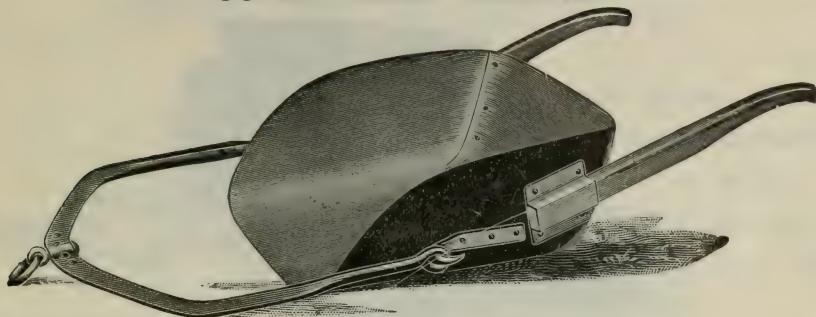
TWO WHEEL DUMP OR FARM CARTS

STRONG
EASTERN MAKE

PADLOCKS

10c to \$1.00. Special
Milk Can Locks, 60c.

	Dimensions of Body	Axle	Tires	List Prices
Light,	5 ft. x 3¼ ft. x 12 in.	1 ¾ in. steel	3 inch	\$55.00
Medium,	5½ ft. x 3½ ft. x 12 in.	1 ¾ in. "	4 "	60.00
Heavy,	5½ ft. x 3½ ft. x 12 in.	2 in. "	4 "	63.00
Shifting Side and Front Boards extra,				9.00

SOLID STEEL SCRAPER

No. 0 Extra Large, Two Horse, Capacity 9 Cubic feet with Runners, -	\$10.50
No. 1 Large " " 7 " " " " -	8.00
No. 2 Medium " " 5 " " " " -	7.50
No. 3 One-horse " " 3 " " " " -	6.50

PRESSED STEEL BOWL WHEEL SCRAPER

No. 1 Capacity 10 cubic feet,	\$36.00	No. 3 Capacity 17 cubic feet,	\$50.00
No. 2 " 13 " "	43.00	End Gates, extra,	5.00



No. 75-A Barrow

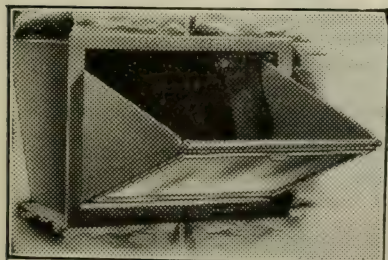
STEEL TRAY WHEELBARROW

No. 75A.—A perfect end dump contractor's barrow, capacity 4 cubic feet, -	\$5.00
No. 2 Capacity 3 cubic feet, with steel wheel, - - - - -	\$4.25
No. 4 " 4 " " " " " - - - - -	4.75

All Steel Wheel Barrows—from \$6.00 up.

Special prices on quantities.

BOLTED RAILROAD or CANAL BARROW	common wood wheel,	\$1.75
" " " " " "	patent wood wheel,	2.00
" " " " " "	patent steel wheel,	2.50

WINDOW COAL SHUTE

	Hopper Opening.	Outside Rim.	Price
Size "A"	22 wide—16 high	25x19	\$10.00
Size "G"	32 " 24 "	35x27	15.00

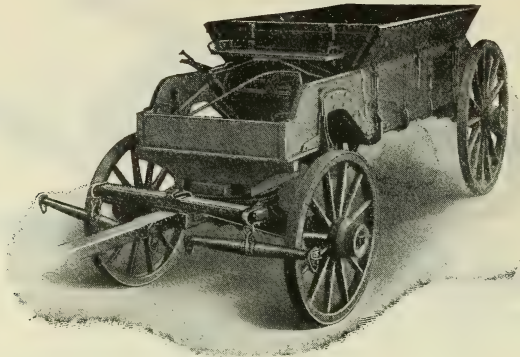
MEASURING RODS

6 ft. long, with brass tips, graduated to $\frac{1}{8}$ inch,	\$1.00
10 ft. long, " " " " " 1 inch	75c
10 ft. long, " " " " " $\frac{1}{8}$ inch,	1.25

CART HARNESS

NEW ENGLAND PATTERN, (collar not included), \$19.75 to 29.50.

WATSON DUMPING WAGON



The Best Bottom Dumping Wagon built.

1½ yard capacity, 3 inch Tire, Bottom lined, Flaring Side-boards,
 2 " " 4 " " Full " " " "

\$135.00

\$160.00



CEMENT (Best Brands Only)

We are in a position to furnish Portland Cement in any quantities from a pound to any number of carloads, our facilities for supplying on large contracts being especially good. We will figure on board cars, at our storehouse, or delivered on the job as desired.

LIME

We are Sole Agents in this vicinity for the celebrated **Farnum Cheshire Lime**, and carry in stock the following brands:

Black Label Lump. For Brick and Stone Work.

First Quality. For Brick and Stone work and for Scratch Coat work.

Finishing Lime. (hand picked) for Finishing Coat work, the best that can be produced.

Red Label Lump. Selected Lumps for whitewashing.

WALL PLASTER



Peerless Neat. To be used with sand, a splendid Plaster, works easy under the trowel, dries quickly, economical and is very much liked by the masons and builders. 100 lb. bag, 75c, special price in quantities.

Peerless Wood Fibre. Ready to use. Works nicely under the trowel, makes an excellent wall. 100 lb. bag, 75c, special price in quantities.

Hydrated Lime, for plastering and Finishing Coat work. Per bag 85c, ton \$14.00.

Masons Calcined Plaster (Plaster of Paris), Higginson's, probably the best, per bbl. \$2.25.

Hair for Plastering. Extra long goat, per bushel sack 35c.

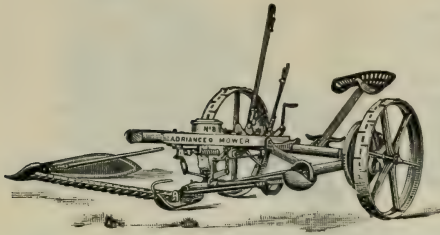
Mortar Red. Dry per lb. 3c, special price in quantities.

Atlas White Portland Cement, a pure white Portland cement, per bag, \$1.25. Special price in quantities.

Medusa Waterproof Compound, per bag, 40 lbs., 13c lb. Special price in quantities.

Expanded Metal Lath, Corner Bead. We are in a position to supply Metal Lath and Corner Bead in large or small quantities.

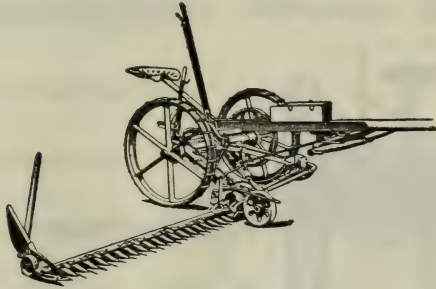
THE ADRIANCE BUCKEYE MOWER



The Adriance Buckeye Mowers have long been considered Standard Goods and to-day are as good as are made. They are made both in the Buckeye Gear and Chain Gear.

One-Horse, 3 ft. 6 in. or 4 ft.	Either chain or Standard	— — — — —	\$44.00
Two-Horse 4 ft. 6 in.	" " " "	— — — — —	48.00
" 5 ft.	" " " "	— — — — —	49.00
" 6 ft.	" " " "	— — — — —	52.00

WALTER A. WOOD MOWING MACHINE

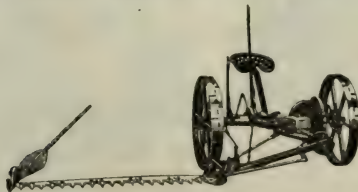


The Wood Machines are well and favorably known the world over. The following styles and sizes are adapted to this section.

Vice Admiral, One Horse,	4 ft.	cut	\$44.00
Admiral, Two Horse,	4 " 6 in.	"	48.00
Admiral, " "	5 "	"	49.00
Giant Admiral,	5 "	"	50.00
" " "	6 "	"	52.00

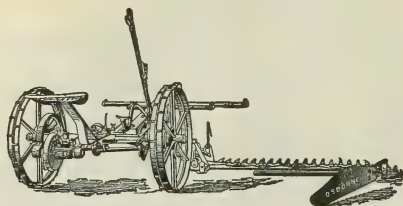
WORCESTER BUCKEYE MOWER

SIMPLE, DURABLE, AND A VERY STRONG MOWER



One-Horse 3 ft. 6 in.	—	—	—	—	—	\$44.00
" 4 ft.	—	—	—	—	—	44.00
Two-Horse, 4 ft. 6 in.	—	—	—	—	—	48.00
" 5 ft.	—	—	—	—	—	49.00

THE OSBORNE MOWER



The Osborne Mower is a reliable, serviceable, up-to-date Mower. Has roller bearings and all modern improvements.

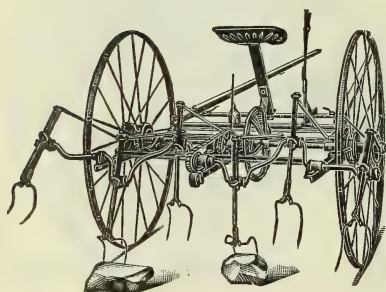
3½ ft. cut,
5 ft. cut,

Price \$44.00
" \$49.00

6 ft. cut,

Price \$52.00

THE OSBORNE STEEL TEDDER



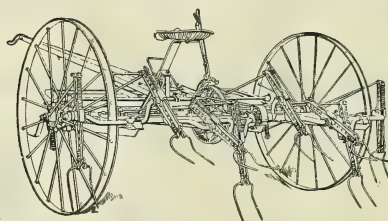
All steel and fully warranted.

Does excellent work.

Price 6 Fork Tedder, - - - - - \$42.00

Price 8 Fork Tedder, - - - - - \$49.00

WOOD STEEL HAY TEDDER

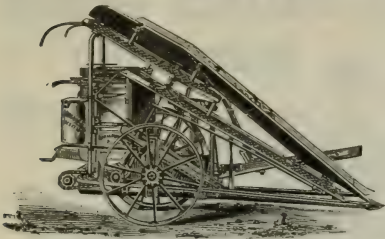


Built of steel throughout, has six forks, is strong and durable, adjustable for one or two horses.

PRICE, - - - - - \$40.00

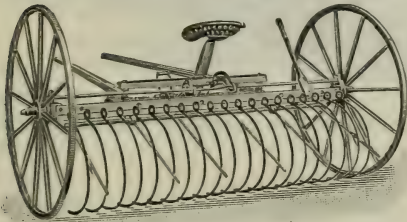
DRAG RAKE.—For Raking after load. Price - - - - - .75

THE ADRIANCE CORN BINDER



This is a splendid working, strong and substantial machine, and backed up by the well-known Adriance Buckeye people. Contrary to a general claim by some other manufacturers, this is one of the **lightest draft** corn binders made. Let us show you this machine. We guarantee it.

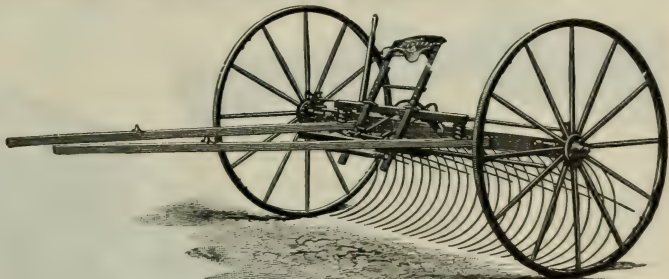
NEW YORK CHAMPION RAKE



The Champion is too well known to need an extended description. It is a very strong, easy and thorough working rake. It has stood the hard tests of New England work for years, and today is as popular as any rake we know of.

8 ft. Wood Rake (26 teeth),	\$25.00
9 ft. Wood Rake (26 teeth),	28.00

NEW WORCESTER RAKE

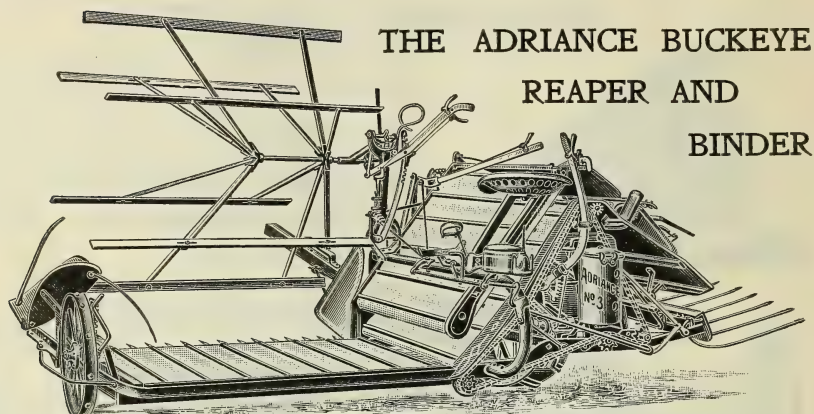


This Rake is exceptionally well made, has 24 sled runner steel teeth, will rake any kind of hay, and can be operated by any one that can drive a horse. Price \$25.00

THE YANKEE HORSE RAKE

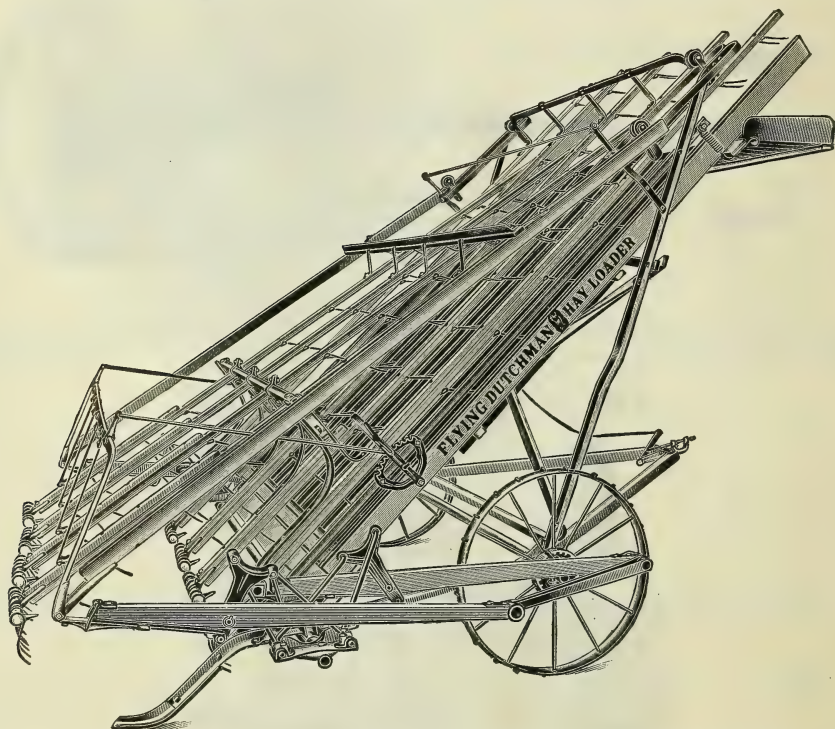


A very well known and thoroughly reliable rake, very easy to operate. Price \$24.00



One of the best on the market, strong, light draft, and a perfect worker. Prices and Special Binder Catalog on application.

THE FLYING DUTCHMAN HAY LOADER



Loads from swath or windrow—a great labor saver and probably one of the best loaders made. Price, — — — — — \$70.00

HAND HAY AND LAWN RAKES

Extra, 3-bowed, Hay, - - -	\$.35	No. Brand, Hay, - - -	\$.15
" 2- " - - -	.30	Extra Wood Lawn, - - -	.35
No. 1, 2- " - - -	.25	Leaf Guard, " - - -	.50

WIRE LAWN RAKE,—Reversible, 50c.

SCYTHE SNATHS

Ash, - - - - -	\$.85	Ash Bush, - - - - -	.85
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**SCYTHES.**

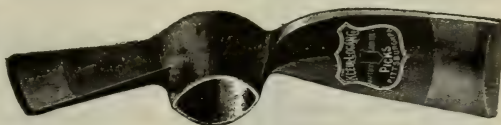
Clipper, - - - - -	\$.85
Solid Steel, - - - - -	.85
Our Special Solid Steel, - - -	1.00
Bush, - - - - -	.85
Bramble, - - - - -	.85
Grain Cradle, - - - - -	1.25
Snath Wrenches, - - - - -	.05
" Loops, - - - - -	.10

SCYTHE STONES.

English Round, - - - - -	\$.20
Emery Round or Cigar, - - -	.10
Eagle Emery, - - - - -	.25
Carborundum, - - - - -	.25
Emery Rifles, - - - - -	.10
Carborundum Rifle, - - -	.25
Red End (coarse), - - -	.10
Silver Grit, - - - - -	.10
Old Norwich, - - - - -	.10
Old Norwich (hand-made), - -	.25

BUSH or BILL HOOKS

Light, (handled) \$.85
Heavy, " 1.00



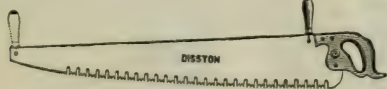
Mattocks, (Grub Hoes) \$.65

SAWS.**DISSTON**

Cross Cut—Narrow, including handles, 5ft.	\$1.25
" " " " " 5 1/2 ft.	\$1.50
" " " " " 6 ft.	1.75

SIMMONDS

Cross Cut—Narrow, including handles, 5 ft.	\$1.75
" " " " " 5 1/2 ft.	2.00
" " " " " 6 ft.	2.25

**DISSTON**

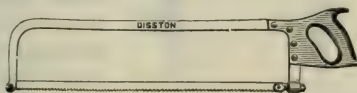
Cross Cut one man 3 1/2 ft.,	\$1.75
" " 4 ft.,	2.00
" " 4 1/2 ft.,	2.25

Buck Saw—Either narrow or wide blade,	\$1.00 and \$1.25
" Blade only,	50c and 75c
" Frame only,	25c
" Strainers,	10c



Carpenters' "Cut Off" Disston's 20, 24 and 26 in.
in two grades, \$1.00 to \$1.85
Quinnipiac \$1.00 Imp, 50c, 60c

Axe Mattocks,	.85
Pick Mattocks,	.85
SAW SETS,	75c, \$1.00 and \$1.25
ICE SAWS 4 ft. \$3.50	4 1/2 ft., \$4.00
CART SAWS	1.00

MEAT SAWS

Family Size, 50c	18 inch Disston's, \$1.50
17in. Disston's, \$1.40	19 inch Disston's, \$1.65

AXES

Connecticut patterns,	75c
Axes, Handled,	\$1.00

OUR BEST AXE, \$1.00

Axe Stones,	5c
Axe Handles, x,	25c and 30c
Axe Wedges,	5c
Boys' Axes, handled,	75c

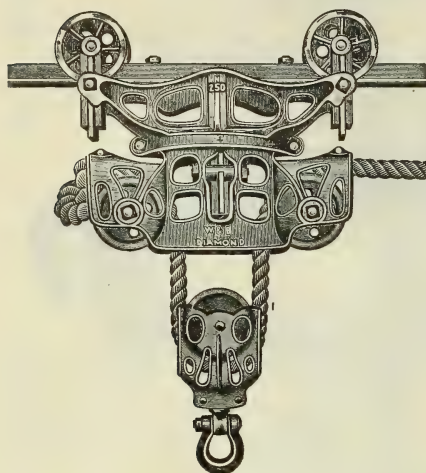
GRAFTING WAX

Trowbridge, 1 lb. stick, - - - - -	10c
" 1/2 lb. stick, - - - - -	20c
" 1 lb. stick, - - - - -	30c

GRAIN CRADLES

Turkey Wing, 4 fingers,	\$3.50 and 4.50
Cradle Fingers,	25c each
HAY KNIFE, Lightning'	\$1.00
FLAILS,	65c
CARPENTERS' SQUARES,	75c, 1.00, 1.25
SAW BUCKS, Folding,	25c, 35c, 50c

The Diamond Steel Track Hay Carrier



In the 20 years that we have sold Hay Carriers, we have never had a complaint; every one has done its work perfectly. ANY ONE CAN PUT THEM UP. We would be pleased to give you figures on the Carrier at the store or put up in your barn ready for use. The Diamond can be arranged to unload hay from the load to the mow, or from

the mow to the wagon. We would like to refer you to parties who are using them.

Should you wish a cheaper equipment than our Diamond we can furnish it.



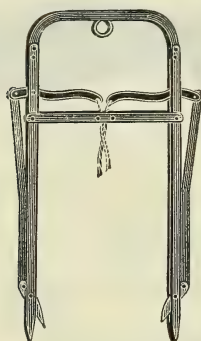
Raw-hide Pulley

"Bale Ties" or "Hay Wires"

Stock sizes—7 ft. 3 in., and 9 ft.

Prices variable.

Any style or length Ties to order.



Pulleys, Etc.

Raw Hide Bushed Pulleys,	\$.75
Raw Hide Knot-passing Pulleys,	.75
Wood Sheave Pulleys,	.35
Iron Pulleys,	.35
Steel Track, per ft.,	.15
Steel Track Hangers, per doz.,	1.25
Rafter Brackets, per doz.,	1.25
Pulley Hooks, each,	.15
Drive Screws, per gross,	1.00
Diamond Car,	6.00
Pulley Hoisters, each,	.30



Rope Hitch
30 cts.

DOUBLE HARPOON FORK Long, \$1.25 to \$2.00

"Extra Long,"

2.00

GRAPPLE FORK, 4 tine,

5.50

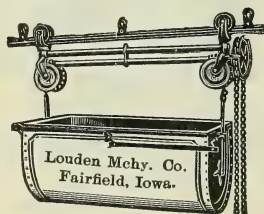
" " 6 "

6.50

Louden

Litter

Carrier



Louden Mch. Co.
Fairfield, Iowa.

An excellent carrier.

Price of carrier,

\$30.00

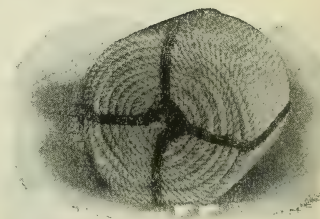
" " Steel Track, per ft.,

.15

" " Hangers per doz.,

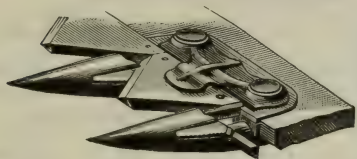
1.25

ROPE



We carry in stock pure Manila Rope, sizes from $\frac{1}{4}$ inch to 1 inch; prices according to market.

MOWING MACHINE KNIVES, SECTIONS GUARDS AND REPAIRS



The furnishing of these goods is an important part of our business. We are in a position to supply you with PARTS of any Mowing Machine Rake, Tedder, Plow, Harrow, or most any Agricultural Implement made; and it is always best if possible to bring or send the old parts to insure a fit. It is important that you use the Best Knives and Sections.

We sell only the Best Sections. We positively refuse to handle a cheap section. The best are worth the money, the others are worth nothing.

EVERY ONE IS WARRANTED.

OILERS

No. 1. Zinc Oiler (Buckeye).....	15c
No. 2. " " (tall)	20c
No. 3. " " (Cut)	20c
Sewing Machine Oiler.....	10c and 15c
Steel Oiler.....	30c, 40c and 50c
Oil Can, One Gallon.....	25c and 50c
Oil Can, Five Gallon.....	\$1.00 and 1.50

FAUCETS



No. 1. Metal Key Somers' Best.....	35c
No. 2. Metal Key Somers' Best.....	40c
Ivy Wood 6 inch.....	10c
" " 7 ".....	15c
" " 8 ".....	20c
Leather Lined Wood 6 inch.....	6c
Leather Lined Wood 7 inch.....	10c
Leather Lined Wood 8 inch.....	12c
Leather Lined Wood 9 inch.....	15c
Self Ventilating, No. 0.....	15c
No. 1.....	20c
No. 1 1/2.....	25c



Monkey Wrenches, 6 in. \$	.45	Coe's. Agric'l	30c
" " 8 in.	.50		35c
" " 10 in.	.70		40c
" " 12 in.	.85		45c
" " 15 in.	1.35		

Stilson Wrenches

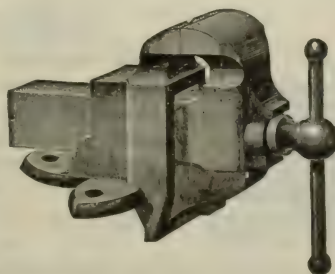
8 in.	\$.80	10 in.	\$.90
14 in.	1.25	18 in.	1.50

OUR STANDARD VISE

Not a cheap one, but a strong,
well-made vise

No. 63 and 64	-	-	-	-	\$1.50
" 65	-	-	-	-	2.50
" 67	-	-	-	-	4.00
" 87	-	-	-	-	2.60
" 88	-	-	-	-	3.40
" 89	-	-	-	-	4.50
" 90	-	-	-	-	5.00

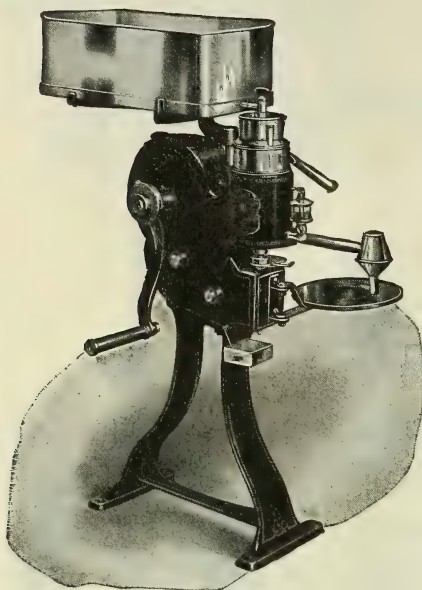
HAY CAPS—Canvas Prices given on application



Nail Hammers, cast,	25c
" " steel,	35c and 50c
" " Maydole,	65c
Riveting "	50c
Tack "	10c and 25c
Cold Chisels, each	15c
" " (heavy) each	25c
Rivet Punches,	15c and 20c

NEW UNITED STATES CREAM SEPARATOR

Improved again, a still better machine. Low Frame; it is built with the greatest accuracy to insure thorough skimming, long service, easy cleaning, ease of operation and simplicity.



Interlocking Style (Latest).

Fitted with
Electric Motor
Extra

No. 40 Guar. Cap.	175 lbs.	\$25.00
No. 39 " "	300 "	40.00

These two sizes are net cash at our store
or at the factory.

No. 18 Guar. Cap.	350 lbs.	\$65.00	\$40.00
No. 17 " "	450 "	75.00	40.00
No. 16 " "	600 "	85.00	40.00
No. 15 " "	750 "	95.00	40.00
No. 14 " "	1,000 "	110.00	45.00
No. 12 " "	1,350 "	135.00	45.00

The Sharples Tubular Cream Separator.

No. 1 Capacity, 225 to 250 lbs. per hour (23½ in. high),	\$40.00
No. 2 Capacity 300 lbs per hour (2ft. 10 in. high),	55.00
No. 3 Capacity 400 lbs per hour (2 ft. 10 in. high),	65.00
No. 4 Capacity 500 lbs per hour (3 ft. 6 in. high),	75.00
No. 6 Capacity 700 lbs per hour (3 ft. 6 in. high),	90.00
No. 9 Capacity 950 lbs per hour (3 ft. 6 in. high),	110.00

CHAIN HANGING CATTLE STANCHIONS

The best and easiest method for fastening cattle in the stable.

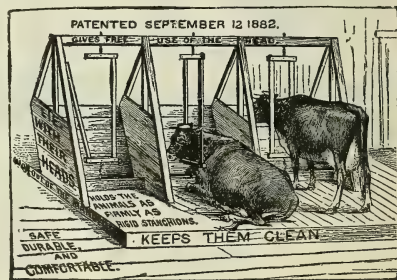
We furnish these in either All Wood or All Steel,

PRICE, Wood,	\$1.35
" Steel,	\$1.75

Special Price for Quantity,

Chain Cattle Ties.

Medium, - - - - -	.30
Heavy, - - - - -	.35
Very Heavy, - - - - -	.75



DANA'S STOCK LABELS

An easy and practical way of marking Stock. Cattle labels may be marked with owner's name not exceeding 13 letters, and post office address, not exceeding 13 letters. Sheep label size has room for only 10 letters,

Cattle labels, lettered and numbered,	.75	\$4.00
Sheep and hog labels, lettered and numbered,	.40	2.00

PUNCHES —Cattle label size,	Each 1.50
Sheep " "	" 1.00

KEYSTONE IMPROVED DEHORNERS. —Complete with leader and Extra Blades,	\$14.00
" " " " " " " " " " " "	12.00
" REGULAR " " " " " " " " " "	12.00
" " " " " " " " " " " "	10.00



COOLEY CREAMERS With ELEVATOR ATTACHMENT

TOO WELL KNOWN

TO NEED

EXPLANATION HERE



WRITE FOR SPECIAL

CIRCULAR AND

SPECIAL PRICES

No. 00. 2 cans, 4 to 6 cows, 25 by 31 in., 2 ft. 7 in. high.

No. 1. Not manufactured.

No. 2. 4 cans, 9 to 12 cows, 31 by 37 in., " "

No. 3. 6 " 12 to 18 " 31 by 49 in., " "

No. 4. 8 " 18 to 24 " 31 by 63 in., " "

No. 5. 10 " 24 to 33 " 31 by 76 in., " "

No. 6. 12 " 30 to 36 " 31 by 94 in., " "

No. 7. 14 " 36 to 42 " 31 by 109 in., " "

No. 8. 16 " 42 to 48 " 31 by 122 in., " "

Prices on CABINET CREAMERS on application.

Galvanized Castings
Weight 243 lbs. \$32.00

" 320 lbs.,	45.00
" 380 lbs.,	57.00
" 480 lbs.,	68.00
" 540 lbs.,	79.00
" 700 lbs.,	93.00
" 810 lbs.,	105.00
" 900 lbs.,	117.00

COOLEY**CREAMER CANS**

PRICE,

with cover and siphon faucet,

\$2.70 each



Cooley Can

REED CREAM CANS

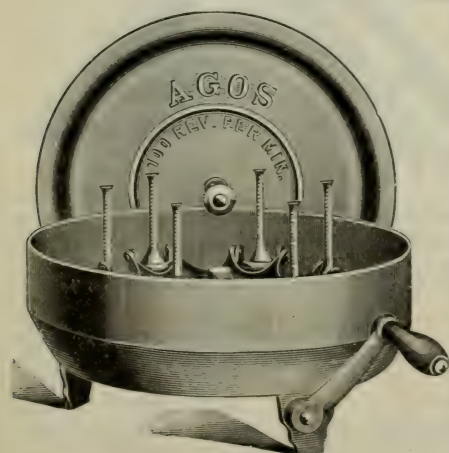
with cover and faucet

20 qt.,	\$1.50, \$1.65, \$1.75
16 qt.,	\$1.40, \$1.50
20 qt., without faucet or glass,	\$1.25

CREAM PAILS

With ventilated top, 20 qt., \$1.25

" " 24 qt. 1.50



Babcock Tester

Power—Dog, Sheep or Goat—

Single power with regular pulley, 21 inch

\$13.50

Double power with regular pulley, 21 inch,

\$25.00

Clutch Pulley on Separator extra,

\$3.50

AGOS BABCOCK TESTER

THE LATEST AND BEST

Cast Iron Body and Cover, Spur and Spiral
Gearing, Machine Cut Teeth.

PRICES—	4 Bottle	\$8.00
	6 "	9.00
	8 "	10.00
	10 "	12.00
	12 "	14.00

Pipette for tester.....40c

Acid Measure for tester.....30c

Cream Bottle for tester.....50c

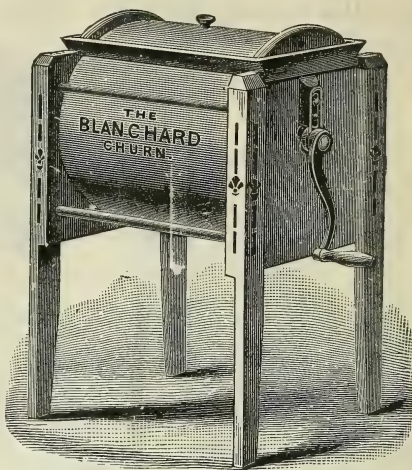
Milk Bottle for tester.....30c and 80c

BLANCHARD CHURN

Probably the Best Crank Churn
in Use

	List.	Net.
No. 3 Churns up to 2 gals.,	\$6.00	\$5.00
No. 4 " " 4 gals.,	7.00	6.00
No. 5 " " 8 gals.,	8.00	7.00
No. 6 " " 12 gals.,	10.00	9.00
No. 7 " " 16 gals.,	12.00	11.00

SEPARATORS.—See page 62.

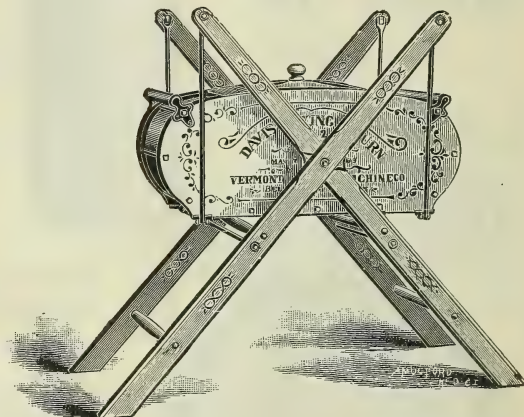


Cylinder Churn

CYLINDER CHURN

A Good Low Price Churn. List

	List	Net
No. 1	\$2.50	\$2.00
No. 2	3.00	2.50
No. 3	3.50	3.00
No. 4	4.00	3.25
No. 5	5.00	3.75



DAVIS SWING CHURN

Easy to Operate.

Easy to Clean.

No Floats or Paddles.

One of the Best Churns Made.

Size.	Capacity.	Will Churn.	Price.	Extra for Iron Y and Pitman
No. 1	8 gal.,	4 gal. or less,	\$ 8.00	\$.75
No. 2	10 "	5 " " "	9.00	.75
No. 3	16 "	8 " " "	10.00	.75
No. 4	20 "	10 " " "	12.00	.75
No. 5	26 "	13 " " "	15.00	1.00
No. 6	34 "	17 " " "	18.00	1.00
No. 7	60 "	30 " " "	25.00	1.25
No. 8	80 "	40 " " "	30.00	1.50
No. 9	100 "	50 " " "	35.00	1.75

There is less liability of getting churns too large than too small. Be sure and order churns large enough. There must be room in the churn to produce the concussion, and a small churn filled too full will require a longer time for churning.

THE SURPRISE CHURN

Easy to Operate.

Easy to Clean.

No Floats nor Paddles.

The cover fastenings never give way and let the head out. Iron parts galvanized.

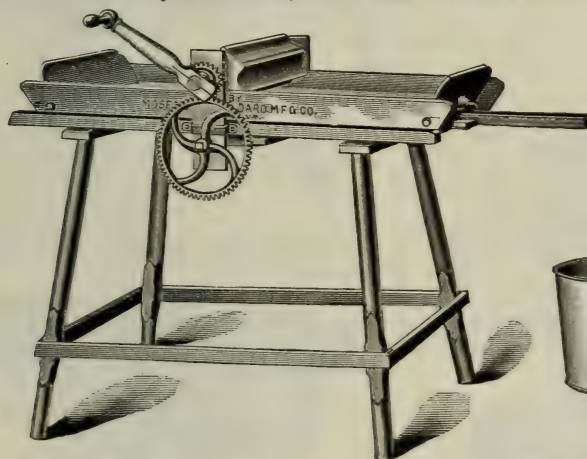
					Price
No. 1	Churns from	1 to	4 gals.		\$9.00
No. 2	"	"	2 " 7 "		10.00
No. 3	"	"	3 " 9 "		12.00
No. 4	"	"	4 " 12 "		14.00
No. 5	"	"	5 " 16 "		17.00
No. 5½	"	"	5 " 20 "		21.00
No. 6	"	"	6 " 28 "		23.00
Extræ for 12x3 pulley,					3.00
" " tight and loose pulleys 12x3,					6.00

If you keep cows see us about the United States Cream Separator.



WATER'S BUTTER WORKER

Tray Removable, Takes Place of Butter Bowl.



Size	Length of Tray	Width of Tray	Capacity	No. of Cows	Price
0	27 in.	14 in.	1 to 15 lbs.	1 to 4	\$ 7.00
1	36 in.	15 in.	5 to 30 lbs.	4 to 8	8.00
2	36 in.	18 in.	5 to 40 lbs.	8 to 12	9.00
3	39 in.	20 in.	5 to 50 lbs.	12 to 18	10.00
4	48 in.	22 in.	10 to 75 lbs.	18 to 30	12.00

"Wyandotte" Dairymen's Cleaner and Cleanser

A Splendid Washing Powder for all milk and dairy utensils.

280 lb. Barrel,	\$8.40
80 " Keg,	3.20
5 " Sack,	.25

Use Atlas Cement for your stable floor and for concrete work about the barns.





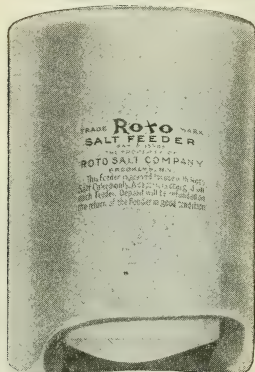
Reid's Butter Shipping Box

Capacity.	Price.
12 lb. Prints	\$3.50
20 " "	3.75
30 " "	4.25
40 " "	4.75
56 " "	5.00
80 " "	5.50
96 " "	6.00
120 " "	6.50
24 half lb Prints	4.00
36 " "	4.50
64 " "	5.25
80 " "	5.50
100 " "	6.00
120 " "	6.50
140 " "	7.00

SALT

"Retsof" Lump Salt.....	per lb.,	\$.01
" " " ".....	per ton,	15.00
No. 1, "Retsof" (best for ice cream, etc.).....		
" " " ".....	per bag, 200 lbs.,	1.00
Cattle Salt, (coarse fine).....	per 160 lb. bag,	1.00
" " " ".....	per 56 lb. bag,	.45
Dairy Salt, (High Grade).....	per 56 lb. bag,	.55
" " Purity.....	per 56 lb. bag,	.70
" " Worcester.....	per 56 lb. bag,	.85
Turk's Island Meat Salt.....	1/2 bushel sack,	.40
" " " ".....	1 bushel sack,	.75
" " " ".....	2 bushel sack,	1.25

Roto Salt Holder.—35c each.

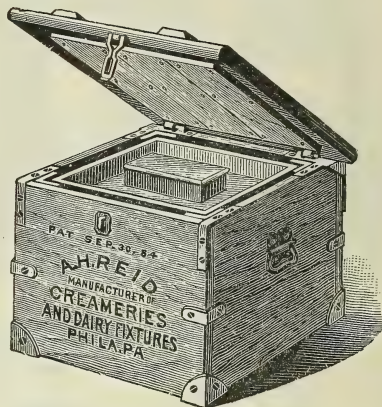


Roto Salt Cake.—15c each, \$1.50 per doz.
Square " 25c each.

Up-to-Date Milk Cooler

This is the best and most convenient Cooler on the market. It not only cools the milk but aerates it.

No.	Capacity of Milk Receiver.	Size of Dairy.	Price.
2	18 quarts	10 to 25 cows	\$6.00
3	34 " "	50 " "	7.00
4	48 " "	100 " "	9.00

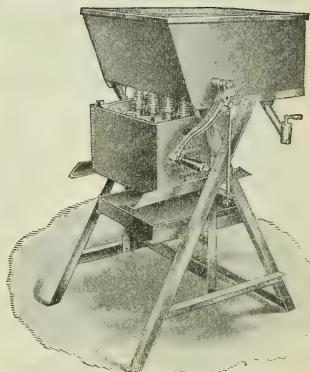


Thatcher's

Orange Butter Color

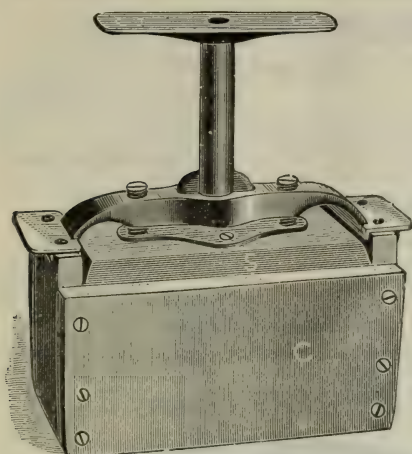
Small Bottles.....	\$.25
Large Bottles.....	.50
One Quart Cans.....	1.00

Wright Milk Bottle Filler



Made with Galvanized Steel frame, tinned copper tank, and sanitary fittings. Bottles filled perfectly with no topping off or overflow.

No. 4—filler	\$50.00
" 9 "	80.00
" 32 "	200.00
Bottle Cases, quarts,	85c
" " pints,	90c
Bottom Corner Irons, extra,	10c



No. 2 Butter Moulds

BUTTER MOULDS

No. 2 Mould, Price 1 lb., \$2.00; 2 lb., \$2.25
 Daisy Mould, Price 1 lb., \$1.25; ½ lb., \$1.00
 Commonsense Mould, 1 lb., 90c
 Individual, 10c

CARVING.—Any name, monogram or design carved on moulds to order.

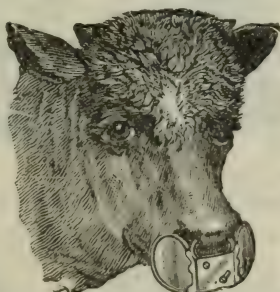
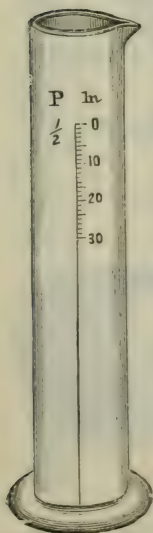


Butter Ladles, Price 15c
 Flat Butter Spades, plain, " 10c
 Concave Butter Spades, plain, " 15c
 Butter Spades, creased, Price 10c and 15c
 Milk Measures.—Tin, accurate will seal,
 ½ pt. 25c, 1 pt. 25c, 1 qt. 35c, 2 qts. 40c.
 Milk Dippers, 35c

Central Strainer Pail—Detachable strainer, heavy, \$1.25
 Patent Strainer Pail—Heavy detachable, 3-ply strainer, 1.50
 Heavy Tin Milk Pail—14 quarts, .50
 " " " " 12 " .45
 Common Strainer Pail, 75c and \$1.00
 Hygienic Milk Pail, 1.75
 Sterilac Milk Pail,—Sanitary, all parts cleanable, \$2.75

Galvanized Iron Pails

10 Quart, heavy, \$.25
 12 Quart, heavy, .35
 14 Quart, medium, .30
 14 Quart, heavy, .40
 14 Quart, extra heavy, .75



Weather Vanes

Special Illustrated Sheet of Designs and Prices Sent on Application.

Cream Gauge

For determining the per cent of Cream in Milk. 85c

Milking Tubes

Plated, 20, 25, 30 and 35c
 Teat Dilators each 30c, set of 4, \$1.00.
 Stricture Cutters, \$1.50.

CATTLE LEADERS, 15c.

OX BOW PINS, 20c Per Pair.

CATTLE CARDS, Common Size, 10c large size, 15c.

COW BELLS, No. 3, 25c; No. 2, 30c; No. 1, 35c.

WEANERS, Small Calves, 40c; Medium Yearlings, 50c; Large, Cow, 65c.

OX MUZZLES, heavy, 40c Per Pair.

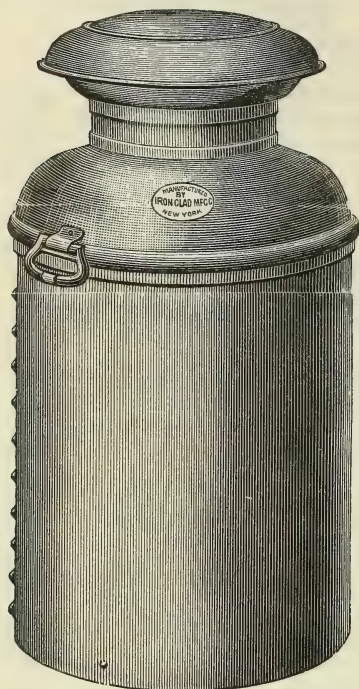
BULL RINGS, Copper, Medium, 30c; Copper, Large, 35c; Cannon Metal very heavy, \$1.50. PUNCH, 75c.

BULL STAFF, Light, \$1.00; Best Heavy Brass, \$3.50. THE "KING", \$5.50.

RUBBER APRONS, Heavy, \$1.75 and \$2.25

RUBBER MOP OR SQUILGEE, 75c and \$1.00.

WOOD STABLE FORK (best), 75c.



RAILROAD MILK CANS

NEW YORK PATTERN

20 Quart	.....	\$3.50
30 "	.....	3.75
40 "	.....	4.00

Special price to milk dealers using quantities.
SPECIAL ATTENTION is given to supplying Combination Shipping Cans for milk, butter, eggs, cream.

RAILROAD MILK CANS

SPECIAL DELIVERY PATTERN WITH CHAINS

12 Quart plain	.....	\$4.25
16 " "	.....	4.50
20 " "	.....	4.75

PADLOCK EXTRA

Extra for Cream Compartment	.....	\$1.50
Marking each plate	.....	.35

MILK PANS—Heavy Tin



	Each.	Per Dozen.
6 Quart,	.15	\$1.75
8 " "	.18	2.00
10 " "	.20	2.25
12 " "	.25	2.50



Boston Pattern

Extra Heavy—Puritan

Each.	Per doz.
.35	\$3.50
.40	3.90
.45	4.25
.50	4.75

Boston Milk Can, City Delivery Pattern

Quarts.....	1	2	3	4	6	8	10
Price Heavy Tin	40c	50c	60c	70c	85c	95c	1.15
" 1C "	15c	20c	25c	35c			
Octagon Ox Button, (See cut) 10c per pair.							
Tall Pattern, 20c per pair.							

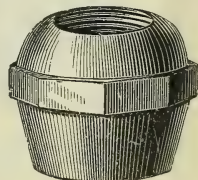


GUARANTEED CATTLE OIL

Is lasting in effect, does not gum the coat, and is sold ready for use under a positive guarantee to give you satisfaction or money refunded. Scores of dairymen who have used many other fly oils say that it is "far and away" the best they have ever used. Price 1 gal. 75c.; 5 gal. jkt. \$3.50.

BLATCHFORD'S CALF MEAL

25 lb. Bag,	-----	\$1.00
50 lb. Bag,	-----	2.00



CALF CORDIAL,
RUST'S HAVEN'S CLIMAX CONDITION POWDERS,

—13 oz. pkg. 25c. 32 oz. pkg. 50c. 5 lb. pkg. \$1.00.

pkg. 50c

SPECIAL MILK STRAINER

An excellent strainer, in fact the best and easiest to keep clean that we have found. Price, Medium size, \$1.00; Large size, \$1.25

COMMON STRAINER 50c

WOOD BUTTER BOWLS

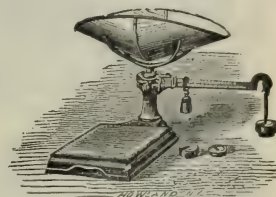
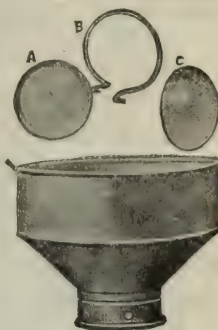
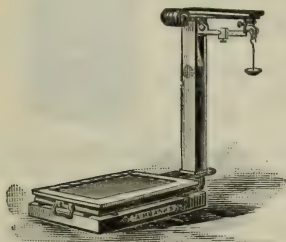
Best Quality, 13 inch	Price	\$.25
" " 15 "	"	.40
" " 17 "	"	.65
" " 19 "	"	.85
" " 21 "	"	1.00

PLATFORM SCALE

Capacity 600 lbs., with wheels.
Prices from \$10.00 up.

FAMILY OR DAIRY SCALES

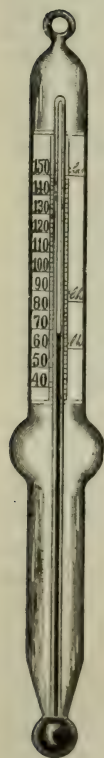
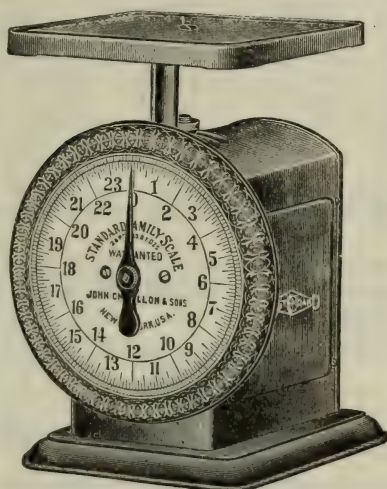
Capacity, $\frac{1}{2}$ oz. to 240 lbs.,
positively accurate, with plat-
form and scoop, Price \$4.00
Without platform, capacity
 $\frac{1}{4}$ oz. to 25 lbs., Price \$3.50
Ice Scales, Chatillons, weighs
from 5 lbs. to 200 lbs., Price 3.00
Steelyards, 1 oz. to 50 lbs.,
Price \$.75

**DIAL SCALE**

Weights up to 25 lbs., enameled top,
\$1.00 and 1.25
Special Milk Scale weighs 30 lbs. by ounces,
\$3.50
Special Milk Scale weighs 60 lbs. by 2 ounces,
4.00
Special Milk Scale weighs 60 lbs. by tenths,
4.50
Scale Beams, heavy Japanned, 300 lbs. capacity
\$2.25; 400 lbs. capacity, \$2.50; 500 lbs.
capacity, \$2.80.
Peddler Scales, 30 lbs. by ounces, \$4.50
60 " " " 6.50
Parcels Post Scales, 2.50

SCALES

If you contem-
plate putting in
what is termed Hay
Scales, we would
be pleased to give
you an estimate.

**Parchment Butter Paper—PURELY VEGETABLE**

Stock Sizes—7x9, 8x11, 8x12, 9x12,—other sizes to order. Price
per lb., 18c. Price per 5 lbs., 75c.

Common Sense Milk Bottles

Quarts, 10c each, \$1.00 doz.; Pints, 8c. each, 90c doz. Caps
for same, per M 50c;

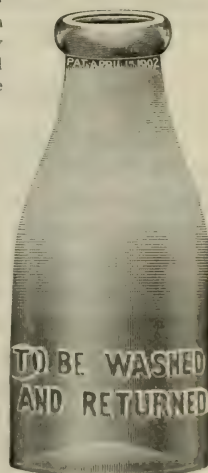
Special Prices on Large Quantities.

The use of these Bottles insures the neat delivery of milk and
cream.

Wire Carrying Baskets

For delivering milk in bottles, 4 bottle size, 75c, 6 bottle size, \$1.00

DAIRY FLOATING THERMOMETER.....Price 25c and 75c



UNITED BREEDERS STOCK FOOD

Very Much Liked for Horses and Cattle.

25 lb. box.....	\$2.75
50 lb. box.....	5.00
100 lb. drum.....	9.50
200 lb. drum.....	18.00

INTERNATIONAL STOCK FOOD

This food we find gives excellent satisfaction.

Price per small package.....	\$.25
“ medium “.....	.50
“ large “.....	1.00
“ pail (25 lbs.).....	3.50

International Heave Cure..... .50

WHITE ROCK HOOF PACKING.—An excellent article.

Small size..... \$.25

Medium..... .50

Large..... 1.00

KOWKURE.—A medicine for cows only.

Prices, small can, 50c; large can, \$1.00.

GRANGE GARGET CURE.—For the cure of milk fever and garget. Price 50c

PRATT'S ANIMAL REGULATOR, very reliable, per pkg. 50c and \$1.00

COMMON SENSE CALF FEEDERS
\$2.00 Nipples, each..... .25

SILVER PINE HEALING OIL.—

Per bottle..... 50c

REFINED PINE TAR.—Per can .10 and .20.

COAL TAR.—Pt. can 15c qt. 30c, gal. 55c.

CHAINS

STAKE.—Heavy, short link, per pair,.....

70c, 90c, \$1.20

SHORT TRACE.—Medium, per pr.35

SHORT TRACE.—Very heavy, per pr.40

LONG TRACE. per pr. 70

LOG OR STONE CHAIN.

¾ in. x 12 ft., 1 grab hook,

1 common hook, \$2.25

7-16 in. x 12 ft., 1 grab

hook, 1 common hook, 2.75

7-16 in. x 14 ft., 1 grab

hook, 1 common hook \$3.00

½ in. x 14 ft., 1 grab

hook, 1 common hook 3.75

LOG CHAIN.—

¾ in. x 12 ft., hook and

ring, \$2.00

7-16 in. x 12 ft., hook and

ring, 2.50

7-16 in. x 14 ft., hook and

ring, 2.75

½ in. x 14 ft., hook and

ring, 3.25

Ruggle Chain,

\$3.00 and 4.00

STONE BOAT OR DRAG.

Prices from \$5.00 to 8.00

STEEL CROW BARS.—

Per lb.07

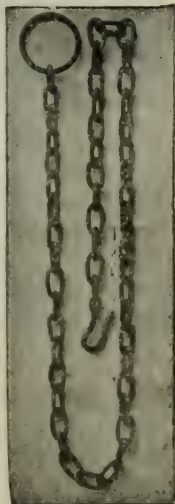
STONE BOAT FRONT.

Steel, used with straight

plank,

32 in. with bolts, 3.50

34 in. with bolts, 4.00



NUTRIOTONE

A Medicinal Food for Horses and Cattle.

2 lb. package.....	\$.50
5 lb. package.....	1.00
25 lb. pail.....	4.00



Whiffletrees, Eveners, Neck Yokes

These we have made for us out of first-class timber, and the trimmings are of forged steel.

NECK YOKES.—Short, each..... \$1.25

“ “ Long “..... 2.50

“ “ All steel, per set 7.00

EVENERS.—Medium..... 2.25

“ Extra heavy..... 2.50

WHIFFLETREES.—Medium, each 1.25

“ Extra heavy “ 1.50

EVENERS AND WHIFFLETREES.—

Per set..... \$1.50 to \$5.50

All steel, per set..... 7.50

EVENERS.—Factory made..... 1.25

WHIFFLETREES “..... .75

NECK YOKE “..... .90

CANT. OR LOG HOOKS

Vermont Pattern, light..... 1.25

Maine “ heavy..... 1.50

“ Each..... 1.50

TIMBER CARRIERS.—Each..... 1.50

SPLITTING WEDGES.—

Sq. head, per lb..... .06

SPLITTING WEDGES.—

Round head, per lb..... .07

WOODCHOPPERS' MAUL.—

Steel, per lb..... .12

SLEDGES.—Steel, per lb..... .15

STONE HAMMER “..... .20

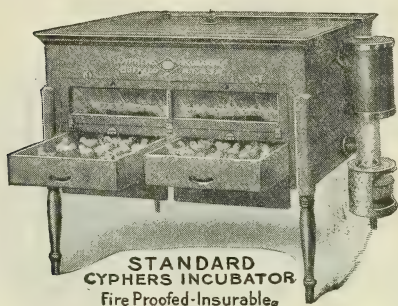
HAND “..... .20

“ **DRILLS** “..... .20

WEDGES AND SHIMS.—Per lb..... .20

GENUINE STANDARD CYPHERS INCUBATORS

(Look for Trade Mark—Demand the Label)



Practical poultry raisers who desire the greatest possible success should look for and DEMAND the qualities that have made Cyphers Incubators WORLD-FAMOUS.

FIRE-PROOFED
INSURABLE
SELF-VENTILATING
SELF-REGULATING
NON-MOISTURE
EFFICIENT, DURABLE and
POSITIVELY GUARANTEED.

FOR 1913 We offer our customers the Cyphers Company's complete line of incubators and brooders—the best on the market. For years the Cyphers Incubator has been consistently improved, always maintaining its leadership, until today it represents all that is most efficient, convenient and reliable in incubator construction. Do not buy a "single wall" incubator, they are much more expensive in the end, buy a Cyphers and you get the best.

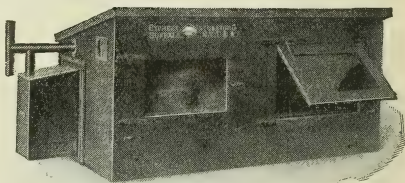
PRICES OF CYPHERS FIRE-PROOFED INCUBATORS

No. 0 Holds 70 Hen Eggs	\$15.00	No. 2 Holds 244 Hen Eggs	\$32.00
No. 1 " 144 " "	22.00	No. 3 " 390 " "	38.00

NOTICE:—The above prices are factory prices. In buying of us you save on freight, and also save valuable time. Ask for special Cyphers catalogue.

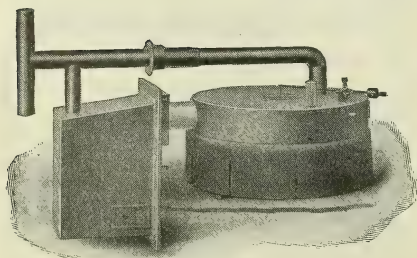
STANDARD CYPHERS BROODERS and Colony Roosting Coops

The 1913 Cyphers Brooders have the same important advantages over other makes that are possessed by the 1913 incubators. They are self-regulating, self-ventilating, Fire-Proofed and Insurable. Easily converted into colony roosting coops by simply removing the hover.



Prices			
Style A Brooder, Capacity	—	—	75 chicks, \$12.50
" B " "	—	—	100 " 16.50

ADAPTABLE HOVER



Mothers the chick

better than a hen

Self-Regulating, Self-Ventilating, complete with Regulator and Thermometer and bearing Underwriters' Label, \$8.50.



Cyphers Portable Brooding Hover

For Handy and Economical Brooding of Chicks and Ducklings. Is self regulating, self ventilating, all metal, lamp is readily removable for trimming, filling, &c.

Price \$8.50.

THE BANNER INCUBATOR

A splendid hatcher, built of California Redwood, double walled. Hatches healthy chickens from every hatchable egg—

Prices

Banner Special—75 Egg Capacity	\$12.00
“ No. 1—150 “ “	21.00
“ “ 2—300 “ “	31.00
“ “ 3—420 “ “	37.00



International Sanitary Hover

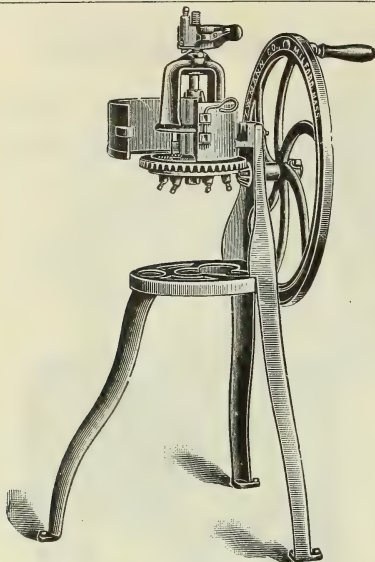
All metal, can be picked up and carried with ease and used anywhere. Lamp is easily removable. Price \$8.50



Banner Automatic Chick Greaser

Every chick eating from the feed pan will get its head thoroughly greased in a few minutes. Price, each 60c

H. & D. Fireless Brooders, — — — — —	each	\$2.00
H. & D.—Chick Boxes (25 chick size) — — — — —	“	.25
“ “ “ (50 chick size) — — — — —	“	.35
“ Egg “ (capacity 15 eggs) — — — — —	“	.15
“ “ “ (capacity 30 eggs) — — — — —	“	.25



Mann's Bone Cutter

Chicken Feed Cutter

Cuts 1-4, 7-16, 3-4 inches.

Has three $6\frac{1}{4}$ inch knives and is a rapid cutter, ————— Price 15.00**Nest Eggs**

China, per dozen, — — — — .30

Wooden, " — — — — .25

Adjustable, Climax or Eclipse Leg Bands

Per dozen, 15c, — — — Per 100, .75

Spirol Leg Band, per dozen, — .25

Poultry Punches, — — — 25c and 50c

Egg Testers

Each, — — — — 25c and 50c

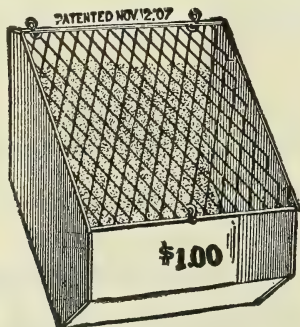


Fig. 4

BOSTON HOPPER. (Fig. 4) For Dry Feed, large size \$1.00.

" " Long Chick size, \$1.90.

SHERIDAN'S CONDITION POWDERS.—An Egg Producer of merit.

Used in connection with B. B. B. it has shown wonderful results.

Small Package, 15c. $2\frac{1}{2}$ lb. Can, 75c.**SANITARY SELF-FEEDING BOX** (Fig. 6) for feeding shells, grit, bone, etc. Made of Heavy Galvanized Iron. Price 50c.**ATSATT CHICK FEEDER,** 25c.**DRY FEED HOPPER,** 75c. and 85c.**WIRE HEN'S NESTS** each 15c. Per doz., \$1.50.**THE MANN BONE CUTTER**

For Grinding Green or Dry Bone, An Excellent Machine.

Our Price.

No. 5-C. With crank, \$6.00

No. 5-B. " balance wheel, 8.00

No. 5-B-M. " " and stand, 10.40

No. 7-B. " " " " 12.00

No. 7 $\frac{1}{2}$. Semi-Power, 16.00

No. 9. With bal, wheel and stand, 18.40

No. 11. Power Machine, 26.00

Pratt's Poultry Food

26 oz. Package, — — — — .25

5 lb. Package, — — — — .60

12 lb. Package, — — — — 1.25

Howard's Roup Remedy

A medicine of merit,

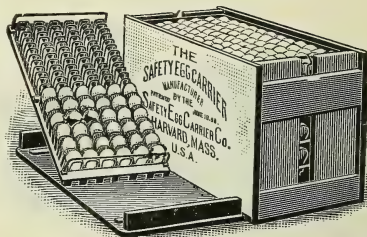
Per box .50

**Conkey's Roup Cure**

Per Box, — — — — 25c and 50c

Conkey's Cholera Cure, — — — 50c

" Gape " — — — 50c

EGG CARRIERS

30 Dozen Trays and Cases Combined \$3.25

24 " " " " " 3.00

16 " " " " " 2.50

9 " " " " " 2.25

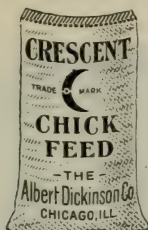
6 " " " " " 1.75

Trays only for 6 and 9 doz. carriers, ea. .45

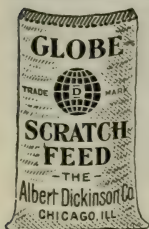
" " " 16 " " " .50



Fig. 6



Crescent Chick Feed.—A mixture of small grains and seeds which make a complete balance ration for young chicks. Contains no grit. Prices variable according to grain market.



Globe Scratch Feed.—Composed of specially cleaned sweet grains, whole and cracked, also sunflower seed, oil cake and charcoal. No grit. Prices variable according to market.



Queen Poultry Mash.—A select mixture of ground feeds from sweet, whole-some grain, it is a growing and health food, a molting food and an egg producer. Prices variable according to market.

Colonial Developing Feed.—For promoting the growth of chickens, following the period of Crescent Chick feeding. Prices according to market.

GLOBE EGG MASH

A select mixture of ground feeds, sweet and wholesome—An excellent Egg Producer—Prices according to market.

GROUND CHARCOAL

For Poultry, 2 lb. box, 10c; 50 lb. bag, \$1.25.

CRACKED BONE

100 lb. bag, \$2.50; 25 lb. bag, 75c.

SPRATT'S PATENT POULTRY MEAL

Specially for young Chicks and Turkeys.

Price per 100 lb. Bag.....\$6.00

Price per 10 lb. Bag......75

Monarch Poultry Grit.

A perfect Poultry Grit.

A Digester, Shell Maker, and Yolk Builder.

No. 1—Coarse for Poultry,	} Price per
No. 2—Medium,	
No. 3—Fine, for Chicks,	
	100 lb. bag,
	75c.

CLOVER—Shredded Alfalfa, 50 lb. Bag, \$1.25; 100 lb. Bag, \$2.25.

"B. B. B."



Used by most of the leading poultrymen. The best poultry food in the ground meat line that we have been able to find.

Made from absolutely fresh meat and sheep-heads from inspected animals butchered at the abattoir.

PRICE, per lb. 3½c., 50 lb. bag, \$1.75.

International Poultry Food

This food is giving exceptionally good satisfaction. Price per package, 25c, 50c and \$1.00.

Lee's Egg Maker,—per pkg, 25c and 50c
" Germozone, " " 50c

Sea Shells

Per bbl., \$1.75; per peck, .25; per qt., .05

Ground Beef Scraps

100 lb. bag.....\$3.00
25 lb. bag......75

Ground Oyster Shells, Screened

Per ton \$12.00; per 100 lbs. .75

Bone Meal

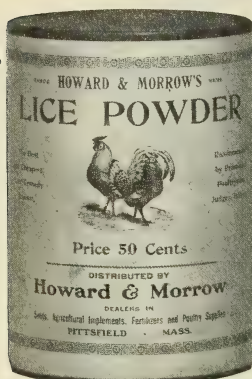
For cattle or poultry, per 100 lbs., \$2.50
" " " " 25 " .75

STERLINGWORTH DIARRHOEA REMEDY



Cures and prevents diarrhoea including white diarrhoea. Guaranteed to give satisfaction or money refunded. A powder for use in drink. Chickens and fowls take their own medicine. Don't let your chicks die. This will cure them. Price 50c postpaid.

DEATH TO LICE POWDER



This has given excellent satisfaction, doing perfectly the work intended.

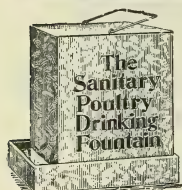
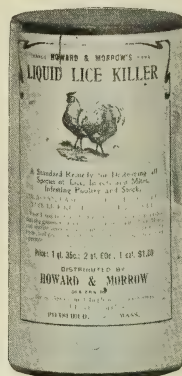
Small Package.....\$.25
Medium "......50
Large ".....1.00

LIQUID LICE KILLER

This is a liquid insecticide for destroying lice on poultry, stock, etc., and is an excellent article, very easy to use, and does its work thoroughly. It is also a disinfectant.

Price 1 Quart Can.....\$.35
" 2 "......60
" 4 ".....1.00

Sulphur Fumigating Candles
Each 15c.



The "Sanitary" Poultry Fountain

Can be thoroughly and quickly cleansed. Cheap, neat and durable. Made of heavy galvanized iron.

Price, 1 gallon 65c; 2 gallon, \$1.00.

HEATER for 1 gal. Fountain, 60c.

For 2 gal. Fountain, 75c

Cyphers Poultry Fountain

18c

25c

35c

HEN FRIEND POULTRY FOUNTAIN, 30c,
50c and 75c.

PEERLESS POULTRY FOUNTAIN,—Large
size, 85c, Chick size, 35c; Heater for
large size \$1.00.

ECONOMY FEEDER AND FOUNTAIN,
18c.



Peerless Fountain

SNOW SHOVELS

Boys' 7x10 inch iron tip,.....15c
" Rural 11x14 inch Sheet iron tip, 25c
Rural 14x20 ".....35c
" 16x20 ".....40c
" 18x20 ".....45c
Cole 16x20 inch Steel edge tip, 45c
" 18x20 ".....50c

All Steel.....50c
Galvanized Iron (new).....75c
Galvanized Boys'.....25c
Sidewalk Chisels (Socket Forged) 50c &
75c

Standard Incubator Thermometer
Price 65c

Cyphers Brooder Thermometer for A
Brooder, 50 Cents

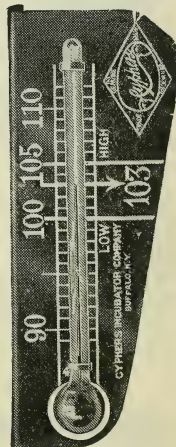
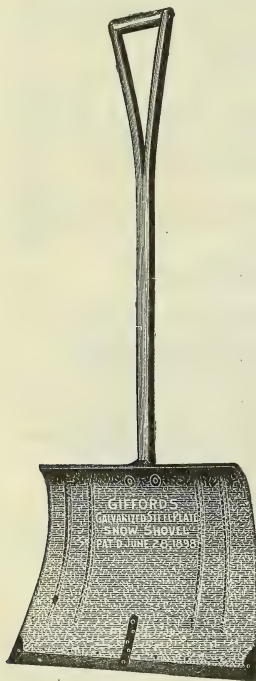
Incubator Hygrometer.....\$1.50
Caponizing Sets.....\$2.50
Poultry Killing Knife......50

Incubator Lamps

Plain, No. 0, - - - - -
Plain, Nos. 1, 2 & 3, - - - - -

Incubator Burners

No. 0, 35c; No. 1, 50c; Nos. 2 and 3, 60c.

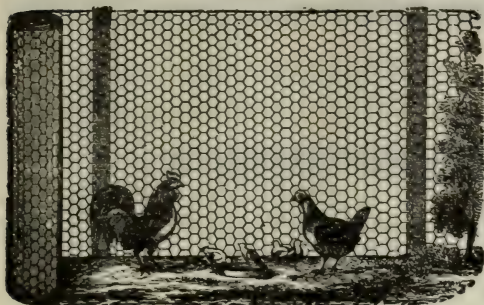


60c

70c

GALVANIZED POULTRY NETTING

WE HANDLE THE BEST MAKE OF NETTING

**STOCK WIDTHS.**

1	ft. 2 in. mesh	3 ft. 2 in. mesh
1 ½	ft. 2 in. "	4 ft. 2 in. "
2	ft. 2 in. "	5 ft. 2 in. "
2 ½	ft. 2 in. "	6 ft. 2 in. "
Price in full rolls, per 100 sq. ft., 60c		
Less than full rolls, per sq. ft., ¾c		
1	ft. 1 in. mesh	2 ½ ft. 1 in. mesh
1 ½	ft. 1 in. "	3 ft. 1 in. "
2	ft. 1 in. "	4 ft. 1 in. "

Prices in full rolls of 150 feet in length,
per square foot, 1¼ c

Less than full rolls, per square ft., 1½c

POULTRY NETTING STAPLES—Per lb. package, — — — — — 10c

AMERICAN FIELD FENCING

The best fencing made for stock of any kind. It is strong, neat and safe; will stop anything from a big to a buffalo.

Made in widths from 22½ inches to 58 inches. Stock numbers are 845-12, 635-12 and 832-6.

Stock numbers on Poultry and Rabbit fence are 2158-6.

AMERICAN PARK and Paddock FENCE

Made in six designs, the highest 88 inches, the lowest 61 inches.

Prices on Application.

LAWN FENCE

This is especially designed for Lawns and Yards.

Is 2 in. mesh, making it hard to climb, is very strong and neat, can be used with our steel posts or on wood posts: made in various heights, prices on application.

Send for our **Special Fence Book**, which will tell you all about the **American fences** and the **Yankee Gates**.

**THE STAR STOCK FEED BOILER**

This is strictly a "Common Sense Boiler".—The Furnace is made of 18 gauge steel with cast doors. The boiler is 18 gauge galvanized steel. Price 60 Gallon Size, \$14.50

THE "QUICK MEAL" FEED COOKER

Heavy Sheet Steel Furnace with Galvanized Boiler, a good one

Price 25 Gallon Capacity \$9.00

" 50 " " \$11.00

FARMERS' BOILERS

(Prices subject to change.)

	For Wood.	For Coal.
15 Gallon	\$14.25	\$16.75
22 "	17.50	20.50
30 "	22.50	26.50
45 "	27.50	32.50
60 "	33.00	39.50
90 "	49.50	58.50
120 "	66.00	79.50



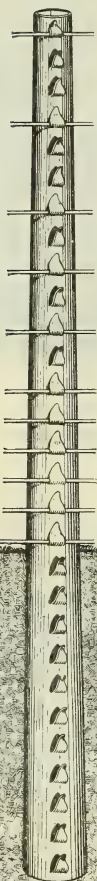
The above is cut of 2 point Barb-Wire. This is the style of barb-wire now in general use. In figuring estimate about 15 ft. to lb.



PLAIN 2-PLY FENCE WIRE—This is safer than the Barb-wire for horse pasture; it also makes a neat lawn fencing. If the end posts are firmly set so that they do not give it, will never sag. We are always in a position to name you Low Prices on first-class steel fence wire. The price per lb. on each of the above wires will be the same.

AMERICAN FENCE POSTS

Made of steel, galvanized, almost indestructible.		Length in Feet	List Prices Per Post
Gauge and Design	No. 16 Line Post		
* " 16 " "	5	.....	\$0.36
" 16 " "	6½	.....	.43
" 16 " "	7	.....	.49
" 16 " "	8	.....	.58
" 16 " "	9	.....	.66
" 13 " "	5	.....	.46
" 13 " "	6½	.....	.59
" 13 " "	7	.....	.65
" 13 " "	8	.....	.79
" 13 " "	9	.....	.93
* " 12 End " "	7	.....	3.00
* " 12 Corner " "	8	.....	3.15
" 12 " "	7	.....	4.44
" 12 " "	8	.....	4.62
" 10 End " "	7	.....	3.24
" 10 " "	8	.....	3.45
" 10 " "	9	.....	3.65
" 10 Corner " "	7	.....	4.70
" 10 " "	8	.....	4.90
" 10 " "	9	.....	5.10
" 12 Hitching Post	6	.....	2.00
Post Augur, 5-inch			Each \$2.50
*denotes stock sizes.			



ANCHOR FENCE POSTS

Suitable for either wire or netting

No. 2 is the Standard Post, made of U-shaped galvanized steel.

	3 ft. 6 in.	4 ft.	4 ft. 6 in.	5 ft.
Price without Top	\$1.75	\$1.90	\$2.00	\$2.20
Price with Top	1.90	2.15	2.25	2.95

3 ft. 6 in. 4 ft. 5 ft. 6 ft.

END OR CORNER POST, No. 4, For top rail or pipe fence, \$4.20, \$4.40, \$8.25, \$10.20
END OR CORNER POST, No. 6.—Similar to No. 4—used on fences without top rail.

HITCHING POST, No. 3.—Galvanized, \$2.85.

HITCHING POST, No. 3.—With chain and snap, \$3.25.

We can furnish Line Posts, End Posts, and Corner Posts, any length up to 8 feet above the ground, and any strength desired. Prices on application.

GIBBS Post Hole Digger. The Best General Purpose Digger Made. Price \$1.75.

Wire Fence Staples per lb.,
5c.

CAST IRON MAULS.—
Weight from 12 lbs. to
20 lbs., each.....\$1.00

TAMPERS.—Either post
or sod, each.....1.00

American Fence Stretcher,
6.00

"COME ALONG"—Wire
Stretcher, Price 50c

LINEMAN'S PLIERS,
\$1.25

POST HOLE SPOONS,
\$2.25

WIRE CUTTING PLIERS,
Medium size, 50c

WIRE CUTTING PLIERS,
Large size,.....75c

FENCE CUTTING PLIERS
\$1.25



Patent Automatic Lock Tackle Block

THIS LOCK HOLDS THE LOAD AT ANY POINT

	No. of Sheaves.	Size Rope.	Lbs. one man can hoist.	Lbs. Capacity.	List Price.
No. 8	2 and 1	3-8	300	600	\$3.00
No. 9	2 and 1	5-8	350	1000	5.50
No. 10	2 and 2	5-8	500	1500	6.00
No. 11	3 and 2	5-8	625	2000	6.80
No. 12	3 and 3	5-8	750	3000	7.60
No. 13	4 and 3	5-8	900	3500	8.35
No. 14	2 and 1	3-4	350	1250	6.50
No. 15	2 and 2	3-4	500	1800	7.00
No. 16	3 and 2	3-4	625	2500	8.00
No. 17	3 and 2	3-4	750	3700	9.00
No. 18	4 and 3	3-4	900	4000	10.00

BUTCHER KNIVES—5, 5½, 6, 7, 8, 9, 10, 12, 14.
KNIVES Prices—25c, 30c, 35c, 40c, 50c, 60c, 75c, 90c, \$1.25.

STICKING KNIVES—Warranted, 5 in. 30c, 6 in. 35c.

COFFEE MILLS.....50c, 75c, and \$1.50

APPLE PARERS—Hudson......75

CHOPPING KNIVES.....25c and 35c

HOG SCRAPERS—Each......15

“ Catchers, each......75

“ Rings, per 100......15

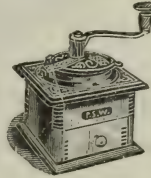
“ Ringers......25

REVOLVERS.....75c to \$8.00

CORK SCREWS.....5c to \$1.00

CORN POPPERS.....1 qt. 15c, 2 qt. 20c, 4 qt. .50

“ “ Sheet Iron, new......25

**THE UNIVERSAL FOOD CHOPPERS**

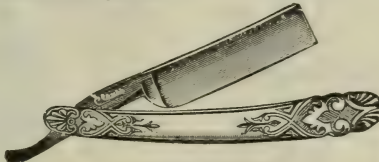
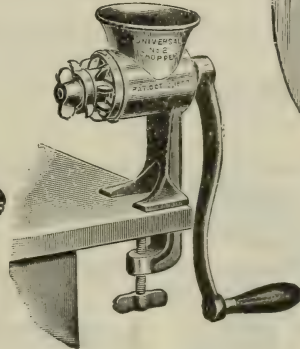
Cuts all kinds of food into clean cut uniform pieces, either fine or coarse, as desired.

Price No. 1.....\$.90

Price No. 2.....1.25

TABLE KNIVES AND FORKS

Nice assortment, ranging in price from 75c to \$2.50 per set.

**POCKET KNIVES**

Complete stock of warranted knives.

RAZORS

Our Special Brand of Razors are beauties and are splendid cutters. Prices from \$1.25 to \$3.00.

GILLETTE RAZOR—(12 extra blades) \$5.00

STAR SAFETY RAZOR—\$1.50 and upwards

EVER READY SAFETY—\$1.00

RAZOR STROPS—Swing from 25c to \$2.00

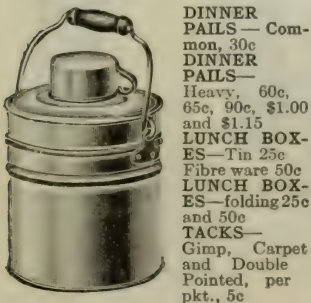
COMBINATION—35c to \$2.50.

LATHER BRUSHES—15c, 25c, 50c, 65c, \$1.00 and \$1.50

SHAVING MUGS—25c, 35c and 40c

RAZOR HONE—\$1.00

KITCHEN KNIVES—10c, 15c, 20c and 25c



DINNER PAILS—Common, 30c
DINNER PAILS—Heavy, 60c, 65c, 90c, \$1.00 and \$1.15
LUNCH BOXES—Tin 25c
 Fibre ware 50c
LUNCH BOXES—folding 25c and 50c
TACKS—Gimp, Carpet
 Pointed, per pkt., 5c



SCISSORS AND SHEARS—Our “Special” Scissors are “best goods”—we have a full line of these, also cheaper grades.

TACK PULLS—10c

BIRD GRAVEL—Per pkt., 10c

CUTTLE BONE—Each, 2c to 5c

FLOWER POT BRACKETS—Single Pot Bracket, 25c

Two Pot Bracket, one arm, 40c

Two Pot Bracket, two arms, 45c

CARVING SETS—An assortment of warranted sets, prices from \$1.00 to \$10.00

MOUSE TRAPS—Wood Chokers, 5c and 10c

“ “ French Wire, 25c and 40c

RAT TRAPS—Erie, 15c and 25c

“ “ French Wire, 50c and 85c

GAME TRAPS—From 12c to 45c

COUNTER DUSTERS—35c, 45c and 60c

WELL BUCKETS—Oak, galvanized hoop, 90c

FLOUR SIEVES—20c, 25c and 30c

HAMMOCK HOOKS—Per pair, 15c

BAIL AND BOX HOOKS—Each, 25c and 30c

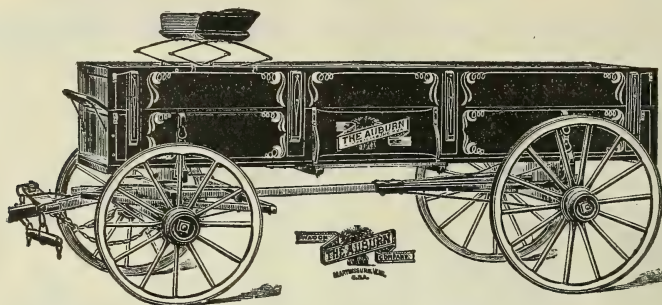
BIRD CAGE HOOKS—5c, 10c and 15c

SLAW CUTTERS—(2 knives), 30c and 50c

“ “ (3 knives), \$1.75 and \$2.25

“ “ (4 knives), \$3.00 and \$3.50

AUBURN FARM WAGONS



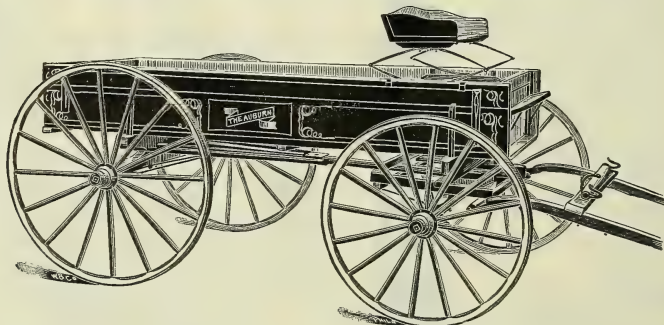
The Lightest Running and Strongest Farm Wagons on Wheels
THOROUGHLY MADE THROUGHOUT, WELL FINISHED, FULLY GUARANTEED
BROAD TIRES.

Style.	Size of Axle.	Kind of Wheels.	Size of Tire.	Price Gear Only.	Price Complete With Box. and Seat.
Solid Axle,	1 3/4 in.	Sarven	3 x 1/2 in.	\$78.00	\$92.00
" "	2 "	"	" " "	94.50	
Hollow Axle,	2 1/8 "	"	" " "	73.00	87.50
" "	2 3/8 "	"	" " "	78.00	92.50
" "	2 5/8 "	"	" " "	82.50	96.50

Double Box, Complete, with Spring Seat, \$20.00.

Farmers' Farm Truck, gear only, 3 1/4 x 10 in. Skeins, 4 inch Tire, Wheels 30 in. and 36 in. weight 500 lbs. \$45.00

AUBURN ONE HORSE WAGONS



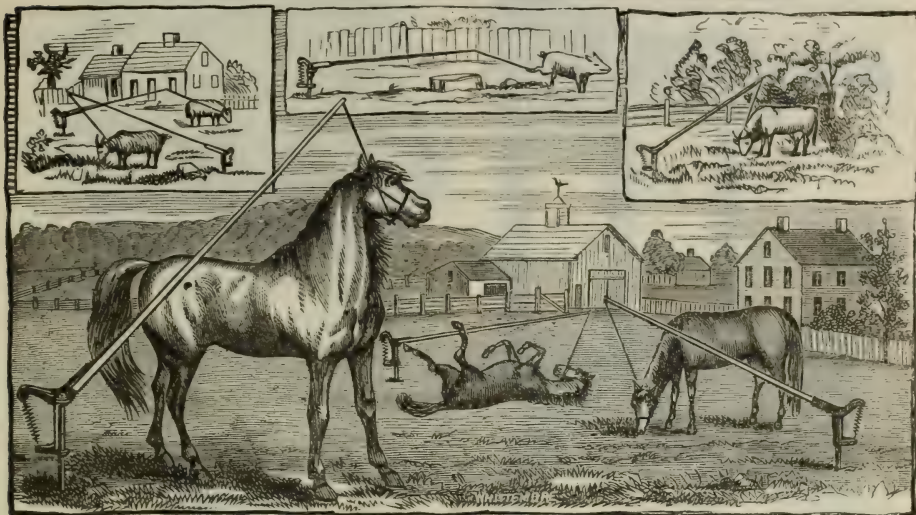
Gear Only.

1 1/4 in. Solid Steel Axles, Sarven Wheels, 2 in. tire,	\$42.50; complete with 9 ft. box	50.00
1 3/8 in. " " " " " " " " " " " "	48.50; " " 10 ft."	55.00

Double Box, Complete with Spring Seat, \$11.00.

The Davenport Steel Wagon, has 3 in. Tires, Roller Bearings, should be seen to be appreciated—Price complete with Box and Seat, \$105.00.

WRIGHT'S ANIMAL TETHER Price \$3.00

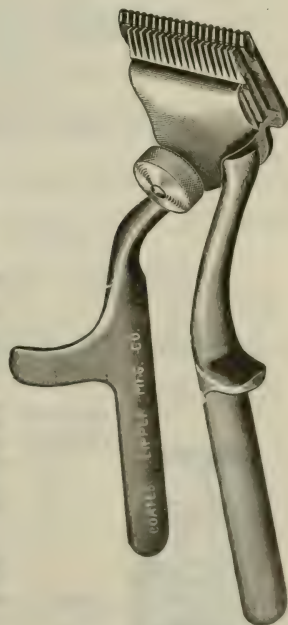
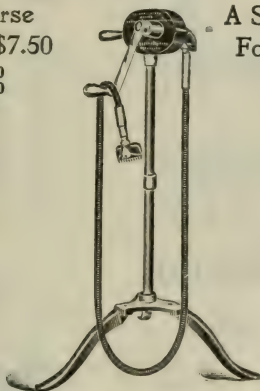
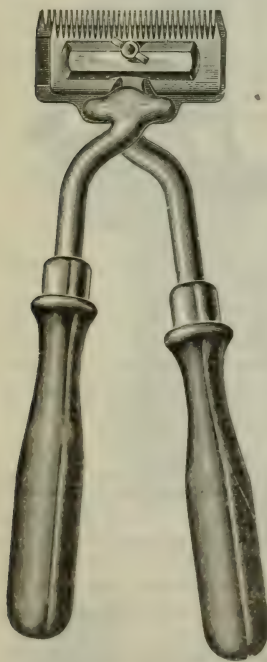


Stewart Power Horse
Clippers, \$7.50

*Bottom Plate for Power Clipper,	\$1.50
Top " " " "	1.00

A Splendid Machine For Little Money

We grind plates for power machine
at 75c to \$1.00 per set



TOILET CLIPPERS

From.....\$1.25 to \$3.00

Horse Clippers

From.....\$1.25 to \$2.50

HARNESS

We carry Farm and Team Harness, Express and Light Harness, at attractive prices.

CURRY COMBS

8-Bar, Common Steel.....	10c
--------------------------	-----

6-Bar, Best Steel.....	20c
------------------------	-----

8-Bar, Best Steel.....	25c
------------------------	-----

HARNESS PUNCHES (revolving) 60c
and 85c

HARNESS SNAPS

7-8 in. 5c, 1 in. 6c, 1 1-4 in. 6c, 1 1-2 in.

7c, 1 3-4 in. 8c, 2 in. 10c.

DANDY OR MANE BRUSHES

Rice Root, 15c, 25c, 35c, 50c, 75c.

Fibre	35c
MANE COMPS (H.....)	35

MANE COMBS (Horn).....	25c
MANE COMBS (Aluminum).....	20

MANE COMBS (Aluminum)..
WAGON SHOES \$1.00 Each

WAGON SHOES \$1.00 Each
SPONGES 35c 50c 75c \$1.00

SPONGES 35c, 50c, 75c, \$1.00
CHAMOIS fine large, \$1.00 each

(Horse Clippers)

BODY OR BRISTLE HORSE BRUSHES

25c, 50c, 75c, \$1.00, \$1.50, \$2.00, \$2.50, \$3.00 and \$4.00

FEED BAGS

Ventilated, 90c each. Common, 50c each

Slow Feed, \$1.25 each.

HOOF CLEANERS— — — — — 25c

(Toilet Clippers)

HALTERS

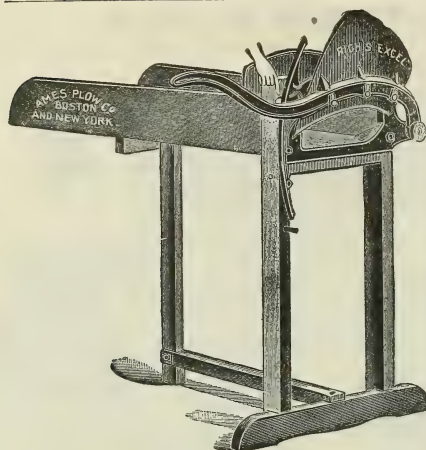
Webb, 25c. Leather, 75c, \$1.00, \$1.50

WHITE SAND

Per Quart, 5c.	Per Bushel	\$1.00
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Per Quart, 5c.	Per Bushel,.....	\$1.00
FETLOCK SHEARS		1.00

LOCKE'S SHEARS, 1.00
FARRIER'S KNIVES, 50c

**LEVER FEED CUTTER**

No. 1, Curved Knife	\$4.50
No. 2, " "	5.00
No. 3, " "	6.50

CORNER MANGERS

Heavy (flanged top)....\$1.50

Medium
\$1.00 and \$1.25

CORNER HAY RACK

\$1.50

WAGON JACKS

BOSTON.—No. 1, (leather protection)	3.00
No. 2, " "	3.50
No. 3, " "	4.00

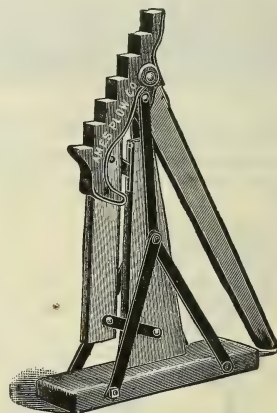
LITTLE GIANT

No. 10	\$1.50
No. 11	2.15
No. 12 Extra Braced	2.50
LIGHT CARRIAGE JACKS.—Price	
" " " " No. 10	1.25
" " " " No. 11	2.15
" " " " No. 12	1.75

ROPE TIES. —Jute, 1 Snap	10
" " " 1 Snap and Ring	15
" " " 2 Snap and Ring	20
" " Manila, 1 Snap and Ring	25
" " " 2 Snap and Ring	30
" " Cotton, 1 Snap and Ring	35

RIVETING MACHINE

Price each	50
" Rivets for Acme machine, per box	10



LITTLE GIANT JACK

BROOM —Rattan Push, Common	65c
" " Extra	75c
" Steel Push	\$1.00
" Plain (Corn) or extra heavy	70c
" Rattan Mixed	75c
BELLS —Team, Medium, 15c	and 25c
heavy	35c and 75c
Nice assortment Chime Bells for light Driving.	
COPPER RIVETS. — $\frac{1}{2}$, $\frac{3}{4}$ and $\frac{1}{2}$ in.	per pkt. 15c
" Slotted assortment,	10c
OAT SIEVES —17 in. diam., 55c; 19 in. 65c.	
AXLE WASHERS —Per coil, 10c	



LANTERNS —(Dietz) Lift wire	
No. 0, 50c; No. 1, 75c.	
LANTERNS —(Dietz) Blue	
" Dash	75c
" Cold Blast	\$1.00
" Delight	3.50
" Tubular Driving Lamp	3.50
" Barn Lamps,	1.50 and 2.25
" Dietz Jr. Driving	1.25
LANTERN GLOBES —No. 0.	
10c; No. 1, 15c; red, 25c	
LANTERN BURNERS,	10c and 15c
LANTERN HOLDERS —No. 0.	25c
HARNES SOAP —Frank	
Miller's pan	25c and 50c
HARNES SOAP —Tub,	\$1.00

WHIPS—Nice assortment of Team and straight Whips and Lashes.

PAIS —J. I. C. (Oak Stable)	75c
" White pine stable	50c
" Fibre, stable	65c

BUCKLEY WATERING DEVICE.....\$2.00

BLANKETS—During the "Blanket Season" we carry a heavy stock of Street and Stable Blankets, and our prices are right.

BLANKET PINS.....5c

AXLE GREASE.—"4 Brothers," per box, 10c; per pail, 25c, and \$1.00; Snow Flake, 25c and 50c

AXLE OIL.—Castorine, Pints, 30c; Quarts, 50c

HARNES OIL.—"New Departure," the best harness oil made. Pints, 35c; Quarts, 60c.

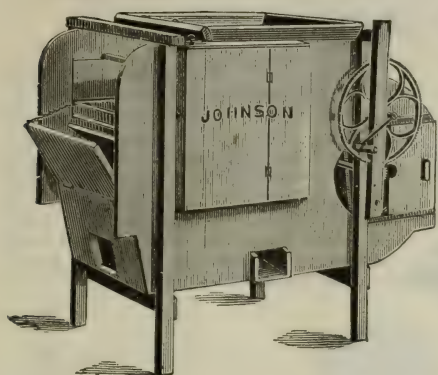
NEAT'S FOOT OIL.—Pints, 30c; Quarts, 50c

HARNES DRESSING.—(Frank Miller's), Quarts 50c; Pints, 30c.

MOWING MACHINE OIL.—Bulk, per quart, 12c and 15c; Bulk, per Gallon, 40c and 60c.

SEPARATOR OIL.—"Howard's Best," per Gallon, 65c.

GAS ENGINE OIL.—Gallon can, 75c.



THE JOHNSON FAN MILL

The Popular Fan of New England

PRICE - - - - - \$18.00

BANNER ROOT CUTTER

A RAPID SLICER

No. 20, Hand Machine, - - - - \$10.00
 No. 16, Hand or Power Machine, - 16.00
 No. 30, " " " " - 18.00

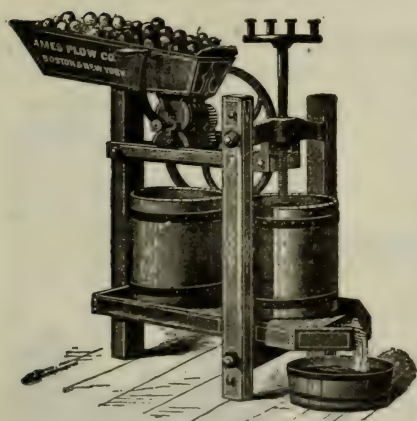
CHAMPION ROOT CUTTER

Has one set Fine Knives and one set Coarse. Price \$8.00.



LARD AND WINE PRESSES

No. 1, 1 in. screw, - - - - \$5.75
 No. 2, 1 1/8 in. screw, - - - - 6.50
 No. 3, 1 1/4 in. screw, - - - - 9.50
 No. 3 1/2 iron beam, 1 1/2 in. screw, 15.25
 No. 4, iron beam, 2 in. screw, 22.50
 No. 4, iron beam, 2 in. screw, geared, 27.00
 No. 5, iron beam, geared, 2 1/2 in. screw, 36.00



NATIONAL CIDER MILLS

Family Mill, one curb, 12 1/2 12 in.
 List Price \$15.00 Net Price \$14.00
 Family Mill, two curb, Net Price \$18.50
 List Price \$20.00
 Family Mill, two curb, 16 x 15 in.
 List Price \$26.50 Net Price \$24.00
 Giant Geared, two curb, 17 x 16 in.
 List Price \$35.00 Net Price \$32.00

SAP SPOUTS

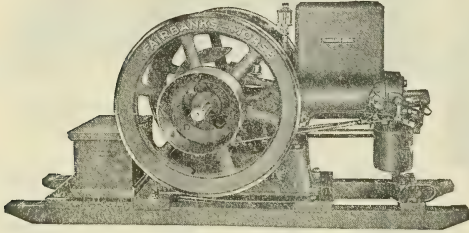
Ideal Metal, each 2 1-2c; per 100, \$2.25
 Grimm,—each 3 1-2c; per 100, 3.00

SAP PAILS

Galvanized heavy, 12 qt., per 100, \$18.50
 " " 15 qt., per 100, \$21.50
 Grimm, 13 qt., heavy tin, per 100, \$25.00
 SYRUP CANS.—One gal., square, screw top each 12c; per 100, \$10.50.

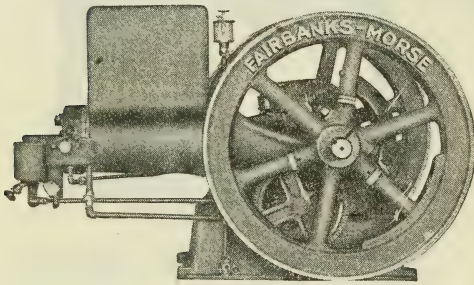


FAIRBANKS-MORSE GASOLINE ENGINE



Type "H" Horizontal Evaporator Tank Engine, Skidded. This engine has cast hopper water tank requiring no pipe connections, open crank case, with neat oil shield, Piston can be removed through open end of cylinder without removing cylinder head. This type is made in 2, 4 and 6 Horse Power and will give full rated horse power without excessive speed. —See us if you need power.

4-Horse Power "Type H" Quick Start Kerosene Engine



These are made in 1, 2, 4 and 6 Horse Power, and are very satisfactory, starting on gasoline and running on kerosene. Write for special engine catalog.

The "Jack Jr." Fairbanks Morse Engine. This is a smart little engine, made in one horse power size only. It is horizontal, with evaporator tank, self-contained, and with battery box is mounted on wood base.

Price Only \$65.00

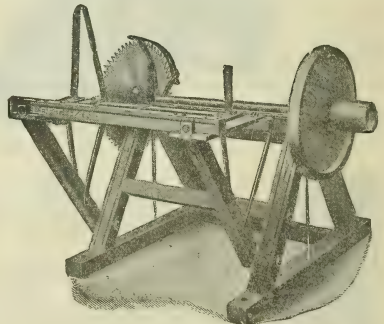
Special Electric Engine and Electric Lighting Outfit. (See illustration on inside back cover). For residences or farm lighting, or for small store, garage or manufacturing establishment. If in need of a lighting plant or power we will be glad to send an expert to confer with you.

WOOD FRAME SAWING MACHINE

Made of Hard Wood, will accommodate saws from 20 in. to 30 in. in diameter. Pulley is 5 inches in diameter with 6 inch crown face, Balance wheel weighs 95 lbs. The frame can be fitted with pole extension if specially ordered, at extra cost. We recommend using 4 in. 4 ply rubber belting, 10 foot centers, 22 feet belt.

Tilting Table Complete with	22 in. Saw,	\$26.00
" " " " "	24 " " "	27.50
" " " " "	26 " " "	29.00

For Sliding Table add \$2.00. For Pole Saw add \$5.00.



BLIZZARD ENSILAGE CUTTER AND BLOWER

All the very latest improvements are embodied in this machine. They are built for endurance and to give satisfaction to the user. The construction is such that they are operated probably with as little power size for size as any cutter and blower made. One of the popular sizes for ordinary farm work is No. L.11 requiring from 4 to 7 Horse Power, and the No. L. 13 requiring 7 to 10 Horse Power. Write for special cutter catalog.

FAIRBANKS' MORSE FEED MILLS

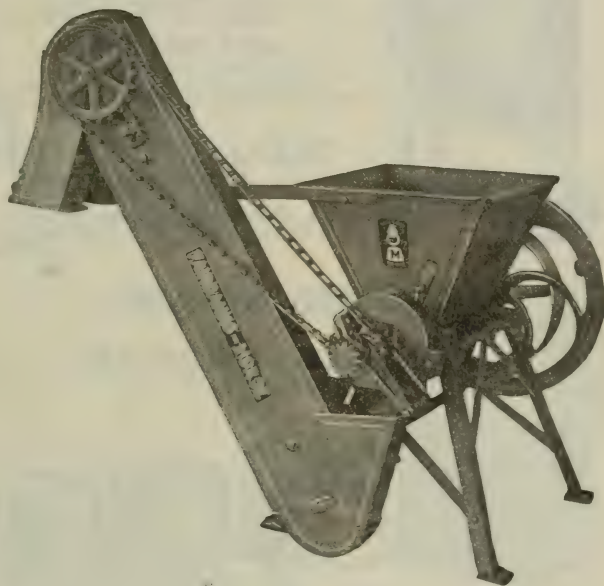
Especially adapted for farm use, Practical, Durable, Economical.

No. 1, with extra set grinding plates, \$24.00

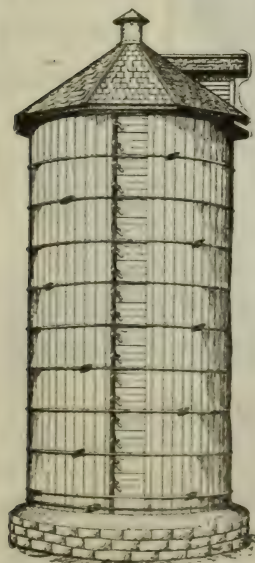
No. 2, with extra set grinding plates, \$35.00.

If without fly wheel, deduct \$2.50.

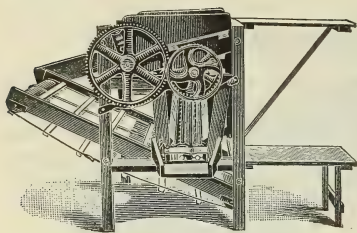
Elevator and Bagger, extra, \$16.00.



SILOS



The use of the silo on the dairy farm has long since passed the experimental stage and is now considered a fixed necessity. In the Weedsport we are offering you a first-class silo, in sizes holding from 30 to 408 tons. They are made in White Hemlock, Norway Pine, White Pine and Red Cypress with the Weedsport Improved Open Door Front. We want to figure with you on a Silo. Write or see us.



The Chicopee Corn Husker

A Corn Husker that leaves the stalks in shape to bind, something the farmer has been looking for. Power required for full capacity 5 to 6 H. P.—and will husk from 25 to 50 bushels per hour. Some of these machines are running with $2\frac{1}{2}$ horse power engine, with this power they husk from 15 to 25 bushels of corn per hour. "The Chicopee" is guaranteed to husk the corn and separate the ears from the stalks without material injury to the grains of corn. Price, \$100.00

LION RIGHT HAND CORN SHELLE

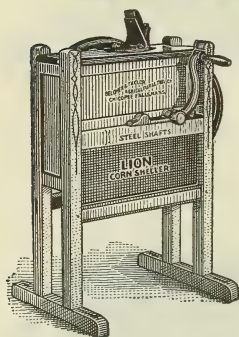
A very simple and popular Sheller.
There is only one size and that is with a separator.

It is a

RIGHT HAND SHELLE

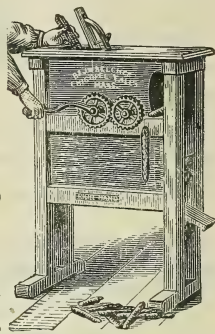
has a large, heavy balance wheel.

The working parts are held firmly together by solid shaft boxes or bearings. PRICE, ONLY \$10.00



THE A SHELLE AND SEPARATOR

This is a wood frame Sheller, capable of doing good and rapid work. Strong and well made. Price, \$8.75



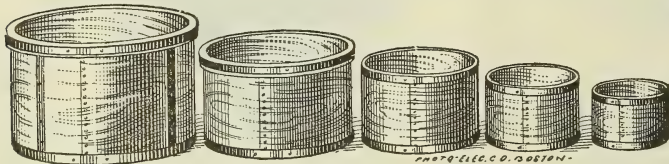
The A. Sheller

BARREL HEADER

Iron Screw, heavy, — — — — — \$1.50

STEEL DRY MEASURE

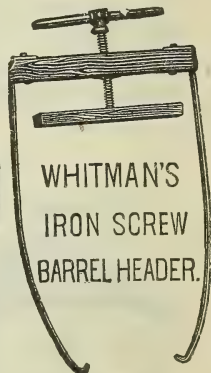
2 qt. 30c, 4 qt. 40c, 8 qt. 60c, 16 qt. 75c.



OAK DRY MEASURES

Best Iron Bound and Sealed, 1 qt. 25c, 2 qt. 35c, 4 qt. 45c, 8 qt. 65c, 16 qt. 85c, per set \$2.25.

Common Iron Bound, Not Sealed 1 qt. 10c, 2 qt. 20c, 4 qt. 35c, 8 qt. 45c, 16 qt. 65c, per set \$1.50.



WHITMAN'S
IRON SCREW
BARREL HEADER.



SEAMLESS GRAIN BAGS

Per bale, 100 bags, \$20.00, 22.00 and 25.00.
Each, — — — — — 24c

BAG HOLDERS

Metal Tunnel—Adjustable to desired height, very convenient. Price, \$3.50

Use "Atlas" for all cement work about the farm

BOSTON PATTERN TRUCKS

Sizes	Length Handles	Axle	Wheels Outside List	Net	Sizes	Length Handles	Axle	Wheels Outside List	Net
0	48 in.	3/4 in.	\$4.00	\$3.40	3	58 in.	1 in.	\$8.50	\$7.50
1	52 "	3/4 in.	4.75	4.00	4	68 "	1 1/8 in.	11.00	9.00
2	56 "	7/8 in.	6.00	5.00	5	73 "	1 1/4 in.	13.50	10.50

Barrel Trucks with Wood Bars, extra, 50c.

Barrel Trucks with Steel Bars, extra, for No. 1, \$1.00; No. 2, \$1.50; No. 3, \$2.00; No. 4, \$2.50.

These Trucks have bent Handles instead of sawed, and are in every way a first-class truck.

MOUNTED GRINDSTONES

	Weight.	Price.
"Best," all Steel Frame	130 lbs.	\$6.50
Extra	100 lbs.	5.50
Family Grindstones.....		\$1.25 and \$1.50
Grindstones (plain), Nova Scotia, per lb.....		3c
Huron		2 1/2c
Grindstone Fixtures, per set heavy.....		1.25
Medium		1.00
Extension Shafts for Grindstones.....		.25
Sickle Grinders.....		\$3.00 to \$5.00

SCREEN DOORS

Plain, 3 inch stile, wire black, price complete with trimmings	\$1.00
Light Finish, Fancy Pattern, 4 in. stile....	\$1.25-\$1.50
Our Custom Made.....	\$2.50

WINDOW SCREENS

The "Leader," Hardwood Finish, Height 18 in. Adjusts 20 in. to 33 in.	25c
" " " " " " 24 " " 20 " 33 "	30c
" " " " " " 24 " " 23 " 37 "	35c
Sherwood Steel, 18 inch, 22 in. to 33 in., - - - - -	35c
" " 24 " 22 in. to 33 in., - - - - -	40c
" " 24 " 24 in. to 37 in., - - - - -	45c
WIRE SCREEN CLOTH—Per sq. ft., - - - - -	2 1/2c



HILL'S CLOTHES DRYER

No. 1.....	\$6.70
No. 2.....	\$7.30
No. 3.....	\$8.50

REVOLVING—

Very convenient, easily folded, can be removed from stand and placed under cover if desired. Price 110 ft., \$4.00; 150 ft., \$4.50.

LAWN SWING.—Heavy wood frame, four passenger, - - - - - \$7.00

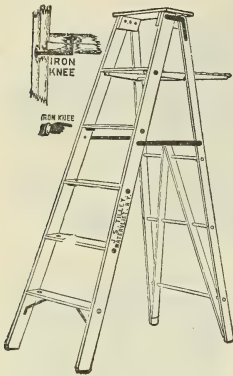
" " All steel - - - - - 12.00

FLOWERING BULBS—In their Season

LILIES, TULIPS, NARCISSESS, FREESIAS, HYACINTHS, CROCUS, JONQUILS, ETC.

We import direct from Holland. They are fine, strong bulbs and will produce good bloom. We carry Cowee's Gladioli bulbs in their season. We procure for you at short notice any flowering bulbs wanted.

REEDS.—For Basket and Fancy Work. Nos. 1 and 2, 30c per pkg.; No. 3, 25c per pkg., No. 4, 20c per pkg.



ANCHOR STEP LADDERS 6 ft. \$2.00
(Very Strong) 8 ft. 2.50
10 ft. 3.00

GEM STEP LADDERS 4 ft. \$1.00
" " " 5 ft. 1.20
" " " 6 ft. 1.50
" " " 8 ft. 2.00

COMMON LADDERS.—Tilley's best quality.
Stock length, 10, 12, 14, 16, 18, 20, 24 and 26 ft.
Price per ft., 13c, 14c and 15c.

LADDER HOOKS.—Each 75c

BEST EXTENSION LADDERS.—Sure lock, safest
extension made, price 24 ft. to 36 ft. inclusive,
25c per ft.; 40 ft. to 44 ft. inclusive, 30c per ft.;
48 ft. to 52 ft. inclusive, 35c per ft.

SECTION LADDERS.—Per 6 ft. section \$1.50

ACME STEEL LADDER.—For use as a ladder or
as a fire escape. Price per section, 30c
Hooks for roof, each, 35c

STEEL STAGING BRACKET (Richards) each, \$1.75

FOLDING CLOTHES FRAMES, 40 ft. capacity
75c

WIRE FLY KILLERS.—Price. 10c

CAN OPENERS.—Price. 10c and 25c

RIVAL ASH SIFTER.—Fits on barrel. Price 75c

COMMON ASH SIFTER.—Large size, galvanized. 25c

WINDOW BRUSHES—All Bristles (pitched in) 50c

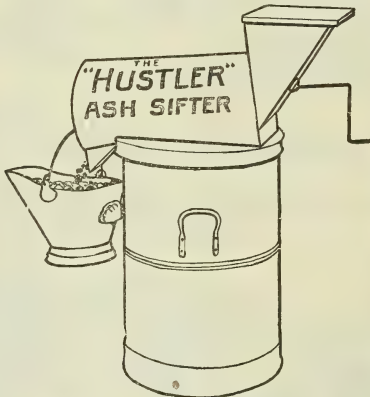
" " " (wired in) 75c

" " " "Large " 1.00

Handles, extra 15c to 25c



Extension Ladder



THE HUSTLER ASH SIFTER.—Fits a barrel or can, Price with-out can. \$4.00



Common Ladder

COAL HODS—Japanned. 25c

" " Galvanized 25c to 45c

GALVANIZED ASH CANS.—With covers \$1.75, 2.00, 2.50, 3.00 and 3.50

GALVANIZED GARBAGE PAILS.—With cover 75c, 85c, \$1.00 and 1.25

METAL POLISH.—Per can. 25 and 50c

SCRUB BRUSHES.—With handle, 20c; without 15c

DAIRY QUEEN SCRUB. 20c

" DUCK 20c

HOUSE BROOM.—Fine No. 6, 45c; No. 7, 50c

WHISK BROOMS.—Prices 15c, 20c, 25c

WHITE WASH BRUSHES. 25c to \$5.00

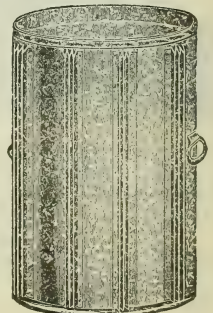
PAINT AND VARNISH BRUSHES.—We carry the popular kinds and sizes
in both round and flat, paint and varnish.



WHITE WASH LIME. —
Selected lumps, per lb. 2c

ALABASTINE.—A splendid
wall coating, much better
than Kalsomine, etc.
—ready for use by adding
cold water—many shades
per pkg. (5 lbs.) white,
50c; Colors, 55c.

SOAP STONE FOOT WARMERS 25c, 30c and 35c.





Majestic Washing Machine

Operated with crank and balance wheel, a splendid machine. Probably the best hand power washer.

Price \$7.00

Yost Motor Washer

Operated by water power by connecting with faucet.

Price \$14.00

Wash Boards, 25c
30c, 35c, 50c.



Universal Wringer AN OLD RELIABLE FAVORITE

No. 350, family size, warranted\$3.50

No. 351, laundry size 4.25

No. 3525.25

CHEMICAL WRINGER

One of the best, No. 1050, \$5.25.

One of the best Ball Bearing, No. 1080, \$5.75

ROYAL WRINGER—

Ball Bearing, No. 590, \$4.75.

DAISY WRINGER—Iron

Frame No. 100, \$2.50

FIBRE WASH TUBS

No hoops to fall off.

Price:

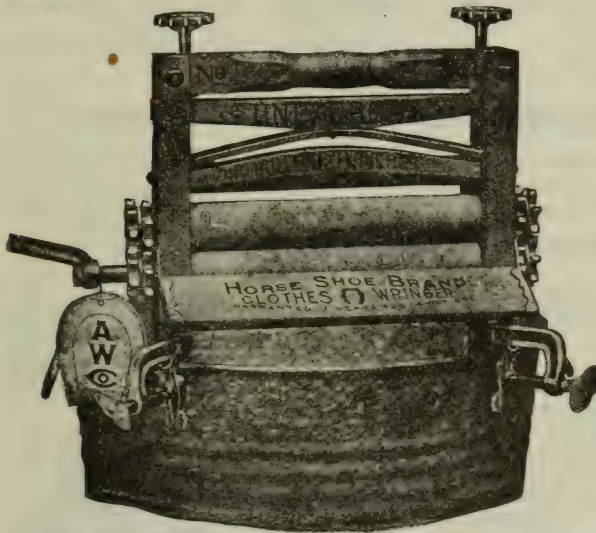
No. 3, \$1.00; No. 1, \$1.25

No. 2, \$1.15; No. 0, 1.50

GALVANIZED WASH

TUBS.—Large \$1.15;

medium, \$1; small, 90c.



OVAL CLOTHES BASKET.....75c and \$1.00

OBLONG CLOTHES BASKET.—3 sizes, 75c \$1.00 and \$1.25.

“ “ “ Hand made, \$1.65

CLOTHES LINE.—Cotton, 50 ft., 20c; 75 ft., 30c; 100 ft., 35c.

CLOTHES LINES.—Wire coil, 100 ft.....35c and 40c

CLOTHES PINS.—Per dozen.....3c

MOP STICKS.—Each.....15c and 25c

MOPS.—Cotton.....20c, 25c and 35c

LEVER MOP WRINGER.—The best yet, family size, \$1.75.

LEVER MOP WRINGER.—Hotel size \$2.00

UNIVERSAL BREAD MIXER.—Regular size 2.00

Large size 2.50

ECONOMY FRUIT JAR.—The best yet, no rubber rings, self-sealing, airtight, large at top. Keeps perfectly meats, fish, vegetables or fruit.

Pints.....Per Doz. 1.00

Quarts....." " 1.10

Two Quarts....." " 1.35

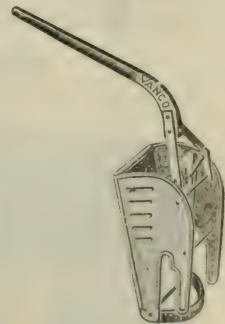
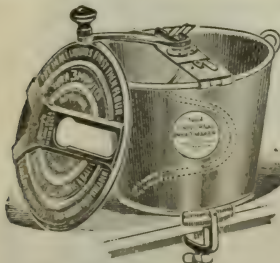
Covers....." " .20

Lifters.....Each .10

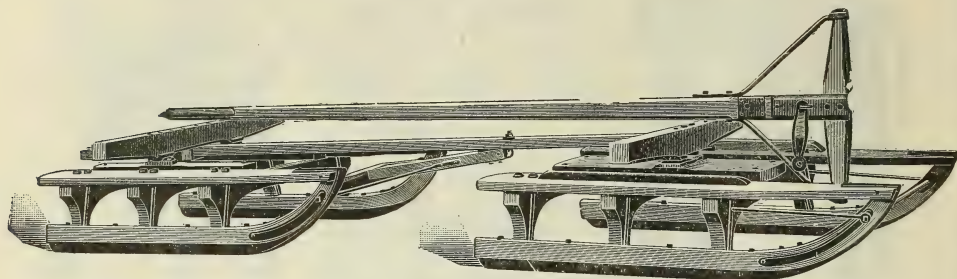
RUBBISH OR PAPER BURNER.—

No. 4, \$1.50; No. 3, \$2.00; No. 2,

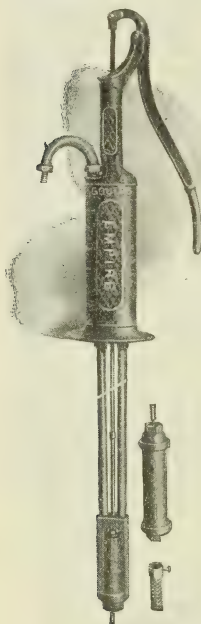
\$2.50; No. 1, \$3.00.



BOB SLEDS



We carry these in medium, heavy and logging sleds, for farm, team, and logging work. They are high grade, long on the run, and the prices are very low. We have added to the lines, an Eastern made white oak logging bob, costing more money, but worth it. You should see them.



"Empire" Double Acting Force and Lift Pumps—Adapted for shallow or deep wells. Cylinder is Brass Lined. Takes $1\frac{1}{4}$ in. suction pipe.

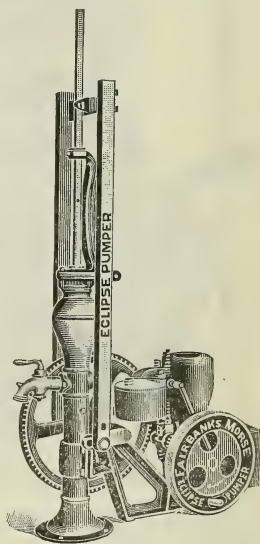
No. 1362-4—as arranged for wells up to 26 ft. \$12.00

As arranged for deeper wells, \$13.00

Above prices do not include pipe below the upper valve.

The **Fairbanks Morse Eclipse Pump**.—This includes Gasolene Engine and Pump Jack ready to attach to any pump, giving sufficient power to pump 200 to 2000 gallons per hour, depending on depth of well and style of pump. It will pump as much water as a 10 or 12 foot windmill running in a 20 mile wind. It is fitted for three strokes 5 in., $7\frac{1}{2}$ in and 10 in., and will pump 32 strokes per minute. Price

\$60.00



RUBBER BUCKET CHAIN PUMP

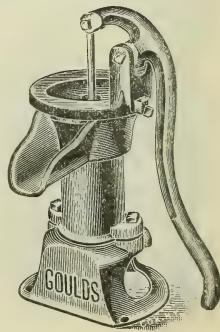
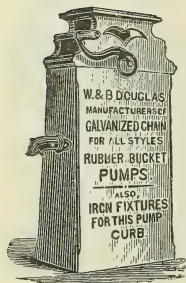
A POPULAR LOW-PRICED PUMP.

Curb with heavy castings.....	\$3.00
Tubing, best spruce, per foot.....	.10
Chain, galvanized, per lb.....	.12
Buckets, "Crosby".....	.15
Buckets, "Boston".....	.10
Rub Irons.....	.10

We will be pleased to figure the cost of Pump complete if you give us depth of well.

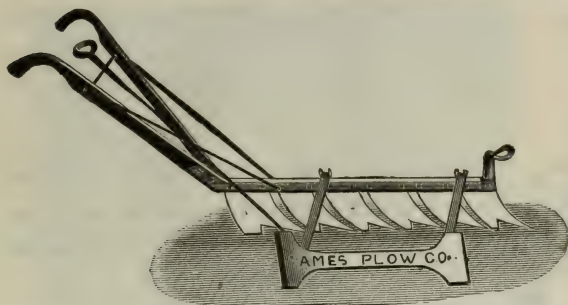
Pitcher Pumps, No. 1, \$2.50; No. 2, \$3.00; No. 3, \$3.25.

Well Points for driving, each \$1.50.



ICE TOOLS

SPECIAL DISCOUNT TO ICE DEALERS



RED, WHITE AND BLUE

ICE PLOW.—With Swing Guide, 7 1-2 in. deep, 22 in. wide, \$27.00; 9 in. deep, 22 in. wide, \$30.00. Adjustable Swing Guide, for 16, 18, 20 and 22 in. cakes, extra, \$1.50; 10 1-2 in., with adjustable swing guide, \$33.50; 12 in. with 22 in. swing guide, \$37.50.

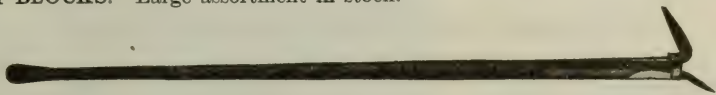
ICE PLOWS—BUCKEYE.

No. 1 cuts 2 grooves 6 3/4 in. deep, adjustable from 16 to 22 inches. . . . \$15.00

BUCKEYE.—No. 2 cuts 2 grooves 7 inches deep, adjustable from 16 to 22 inches, \$20.00

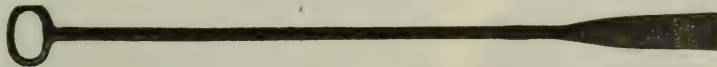
COMPLETE ICE TOOL CATALOG SENT ON APPLICATION

PULLEY BLOCKS.—Large assortment in stock.

**ICE HOOKS.**

4 and 4 1-2 ft., each. \$.85
5 feet, each.90

6 feet, each. \$.95
8 " " 1.00
10 " " 1.20



RING CHISELS, each, \$2.50; \$2.75
BREAKING BARS, each, \$3.50
SPLITTING FORK, 2-tined, each, 4.50
FORK BAR, 3-tined, each, 4.25
NEEDLE BAR, 2.25
ICE CREEPERS.—Per pair, 20c, 25
ICE GRAPPLE.—
With handle, 4.25
Jack Grapple, 4.25

ICE PLOWS.—**WOOD'S.**—
Plain, Swing Guide.
6 in., 7 cutting teeth, \$42.00 \$50.50
7 " 7 " " 44.00 52.50
8 " 7 " " 48.00 56.50
9 " 7 " " 51.00 59.50
10 " 6 " " 53.00 61.50

ICE TONGS.—Boston

Pattern, swell handle.

No. 0, opens 13 in. \$1.15
No. 1, " 14 1/2 in. 1.20
No. 2, " 16 1/2 in. 1.25
No. 3, " 24 in. 1.50

Drag or stowing, long handle, \$1.75

**HOISTING TONGS.**

Adjustable Claw, \$6.00
Solid Claw points, \$5.00

Paris Manufacturing Co.'s **SLEDS** in Frames, Clippe.s, Baby Sleighs and Double Runners.
All Styles and Prices.



WAGONS.—Fine line of Children's Wagons, from \$1.25 to \$7.00.

SKATES

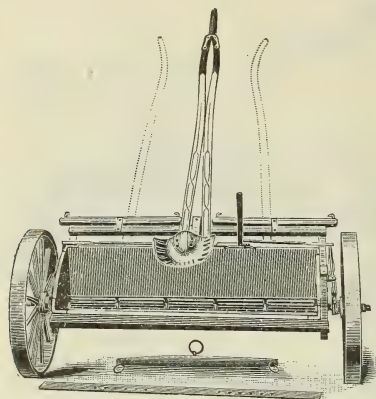
We carry the popular Barney & Berry Skates
in all Sizes and Prices

POLO AND HOCKEY STICKS,**NORWEGIAN SKEES.**—Complete with steering pole,

TOBOGGANS.—In the popular sizes, \$3.00, \$3.50 and \$4.00. Other sizes to order. 5c to 50c



\$2.00 and \$2.50



STEVENS' FERTILIZER SOWER.—For sowing fertilizer either broadcast or in drills by horse power. 5 ft. 10 in., \$45.00; 8 ft. 3 in., \$50.00; 10 ft., \$55.00.

STEVENS' HAND FERTILIZER SOWER.—For sowing fertilizer broadcast on lawns, etc.
Price \$12.00

Perfection Drill and Fertilizer Sower

This machine will form a drill from 3 to 10 inches deep, and will drop into the drill any fertilizer at the rate of 100 lbs to 3,000 lbs., to the acre. Price \$18.00.



QUINNIPIAC

FERTILIZERS

THE GREAT CROP PRODUCERS

AVAILABLE PLANT FOOD.—Is what the farmer is looking for when he buys commercial fertilizers.

That is just why the **QUINNIPIAC GOODS** stand so well.

They contain this plant food in the available form and in the right proportions to secure good results.

PRINCIPAL BRANDS

QUINNIPIAC MARKET GARDEN MANURE.—Special attention is called to this brand as being as well formulated and as well balanced as any fertilizer on the market up to date. Per 100 lb. bag, \$2.20. Per ton, \$42.50.

QUINNIPIAC CORN MANURE.—For field, fodder or sweet corn, also used for grain. Per ton, \$35.00.

QUINNIPIAC PHOSPHATE.—A standard fertilizer for general use on all crops. Its record for uniformity of grade and mechanical condition is remarkable. It is always reliable. Per 50 lb. bag, \$1.00. Per 100 lb. bag, \$1.95. Per ton, \$37.00.

QUINNIPIAC POTATO MANURE.—Formulated and balanced the same as Market Garden Manure, but not quite so high grade. As a potato grower it has won and maintained a high standing and an enviable reputation. Per 100 lb. bag, \$1.95. Per ton, \$37.00.

QUINNIPIAC GRASS FERTILIZER.—For spring use, a top dressing for lawns, meadows and pastures. It acts quickly and produces a luxuriant growth of grass. It pays to use it. Per 50 lb. bag, \$1.25. Per 100 lb. bag, \$2.35. Per ton, \$44.00.

QUINNIPIAC PURE BONE MEAL.—Made from absolutely pure bones, finely ground and in the best mechanical condition. Per 100 lb. bag, \$2.25. Per ton, \$42.00.

We can supply Quinniapiac Fertilizers in grades that are lower in price—that will compare favorably in quality with other makes costing the same money.



The Mapes Manures

For All Soils
and for all Crops

BASIS:

Pure Bone
Made Soluble
No Rock Used

PRINCIPAL BRANDS

MAPES POTATO MANURE.—For Potatoes, Early Vegetables, Fruit, Sweet Corn, etc.,
Per 100 lb. bag, \$2.35; Per ton, \$45.00

MAPES CORN MANURE.—Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet
and Seeding Down to Grass, Per 100 lb. bag, \$2.05. Per ton, \$39.00

MAPES ECONOMICAL POTATO MANURE.—A little less in price than the Potato
Manure, but adapted to early vegetables and other crops where a large percentage of
Soluble Potash is required. Per 100 lb. bag, \$2.20. Per ton, \$42.00

MAPES VEGETABLE OR COMPLETE MANURE.—For light soils, for Truck, Early Veg-
etables, Onions, Celery, Tomatoes, etc. Per 100 lb. bag, \$2.45. Per ton, \$48.00

MAPES COMPLETE MANURE.—For Grass Top Dressing and Lawns. A High Grade
Special, a substitute for stable and free from Weed Seeds. Per 100 lb. bag, \$2.45. Per ton, 48.00

MAPES CEREAL BRAND.—An exceptionally good fertilizer, specially adapted for all
farm crops in connection with farm manure. Per 100 lb. bag, \$1.85. Per ton, \$35.00

We can supply you any other brand of Mapes Fertilizers upon application, and will
be pleased to quote you prices on same, as well as analysis on all Mapes Brands, which our
space compels us to omit here.

We can recommend the above fertilizers as being derived from the best sources of
plant food, and we are confident their use will prove this, and the results will be satis-
factory and pleasing to you.

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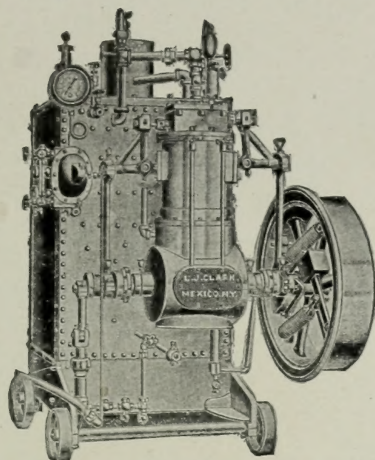
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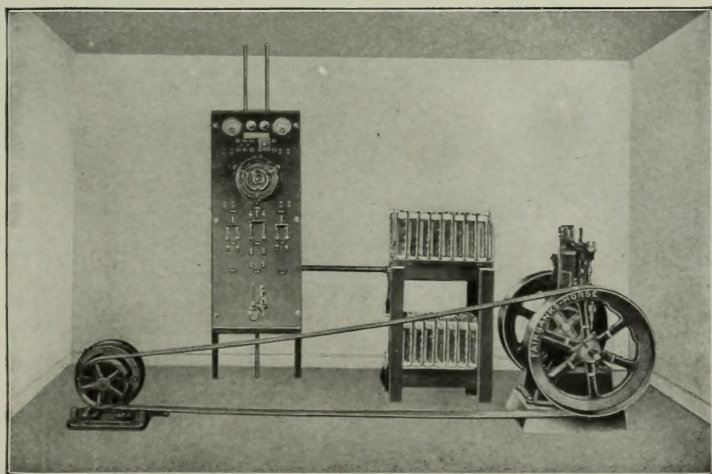
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